

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. A276		3. EFFECTIVE DATE See Block 16c		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1200 New York Avenue, NW Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$622,877

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	16C. DATE SIGNED 2/27/04

Received Time Mar. 2. 2:13PM

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1. The amount under this contract is increased by \$622,877 from \$1,384,374,606.96 to \$1,384,997,483.96
As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,982,000.00	502,138,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	0.00	20,106,000.00	113,541,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	(10,000.00)	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
YA	KB0401052	0.00	0.00	1,214,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
2Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00

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Fund Type	B&R Code	Change	FY04	To Date
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	632,877.00	3,252,877.00	60,806,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	15,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00

Received Time Mar. 2. 2:13PM

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<u>Fund Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY04</u>	<u>To Date</u>
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
TOTAL		<u>\$ 622,877.00</u>	<u>\$94,933,288.65</u>	<u>\$1,384,997,483.96</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE 1 OF 4 PAGES	
2. AMENDMENT/MODIFICATION NO. A277		3. EFFECTIVE DATE See Block 16c		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1200 New York Avenue, NW Washington, D.C. 20005		(X) 9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				10B. DATED (SEE ITEM 11) August 3, 1984	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$3,675,048.54

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	16C. DATE SIGNED 3/31/04
(Signature of person authorized to sign)			

Received Time Apr. 6. 1:04PM

Contract No. DE-AC05-84ER40150

Modification No. A277

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1. The amount under this contract is increased by \$3,675,048.54 from \$1,384,997,483.96 to \$1,388,672,532.50
As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,982,000.00	502,138,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	0.00	20,106,000.00	113,541,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
YA	KB0401052	110,000.00	110,000.00	1,324,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003) 1700 -NAVY	3,565,048.54	3,565,048.54	3,565,048.54
3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
2Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00

Contract No. DE-AC05-84ER40150

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Fund Type	B&R Code	Change	FY04	To Date
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	0.00	3,252,877.00	60,806,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	15,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00

Received Time Apr. 6. 1:04PM

Contract No. DE-AC05-84ER40150
Modification No. A277
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Fund Type	B&R Code	Change	FY04	To Date
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
TOTAL		<u>\$ 3,675,048.54</u>	<u>\$98,608,337.19</u>	<u>\$1,388,672,532.50</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 4 PAGES		
2. AMENDMENT/MODIFICATION NO. A278		3. EFFECTIVE DATE See Block 16c		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (if applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (if other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1200 New York Avenue, NW Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				(X)		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Increase of \$2,766,990.29

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

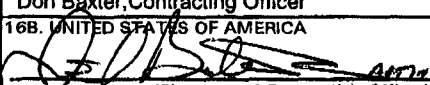
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Don Baxter, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 4/23/04
(Signature of person authorized to sign)			

Received Time Apr. 27. 1:33PM

Contract No. DE-AC05-84ER40150

Modification No. A278

Page 2 of 4

1. The amount under this contract is increased by \$2,766,990.29 from \$1,388,672,532.50 to \$1,391,439,522.79
As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,982,000.00	502,138,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	0.00	20,106,000.00	113,541,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
YA	KB0401052	0.00	110,000.00	1,324,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	2,766,990.29	2,766,990.29	2,766,990.29
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	3,565,048.54	3,565,048.54
3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
2Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00

Contract No. DE-AC05-84ER40150

Modification No. A278

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Fund Type	B&R Code	Change	FY04	To Date
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	0.00	3,252,877.00	60,806,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	15,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00

Received Time Apr.27. 1:33PM

Contract No. DE-AC05-84ER40150

Modification No. A278

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Fund Type	B&R Code	Change	FY04	To Date
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
TOTAL		<u>\$ 2,766,990.29</u>	<u>\$101,375,327.48</u>	<u>\$1,391,439,522.79</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. A279		3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE	7. ADMINISTERED BY (if other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1200 New York Avenue, NW Washington, D.C. 20005			(X)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

Increase of \$158,277.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	4/30/04

Received Time May. 5. 2:10PM

1. The amount under this contract is increased by \$158,277 from \$1,391,439,522.79 to \$1,391,597,799.79
As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,982,000.00	502,138,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	0.00	20,106,000.00	113,541,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
YA	KB0401052	0.00	110,000.00	1,324,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	3,565,048.54	3,565,048.54
3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
2Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00

Contract No. DE-AC05-84ER40150

Modification No. A279

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Fund Type	B&R Code	Change	FY04	To Date
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600306000 (AGRSURA-2004W0000)	48,277.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	0.00	3,252,877.00	60,806,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	20,000.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	90,000.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00

Received Time May. 5. 2:10PM

Contract No. DE-AC05-84ER40150

Modification No. A279

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Fund Type	B&R Code	Change	FY04	To Date
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
TOTAL		\$ 158,277.00	\$101,533,604.48	\$1,391,597,799.79

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 4

2. AMENDMENT/MODIFICATION NO.

M280

3. EFFECTIVE DATE

See Block 18c

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (if applicable)

6. ISSUED BY

CODE

U.S. Department of Energy

TJNAF Site Office

12000 Jefferson Avenue

Newport News, VA 23606

7. ADMINISTERED BY (if other than Item 6)

CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Southeastern Universities Research Association, Inc.

1201 New York Avenue, NW

Suite 430

Washington, D.C. 20005

(X)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC05-84ER40150

10B. DATED (SEE ITEM 11)

X

CODE

FACILITY CODE

August 3, 1984

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers: ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 9 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF Clause 1.29 entitled "SUA CENTRAL OFFICE EXPENSES" and Clause 1.78 DEAR 970.5204-13 entitled "ALLOWABLE COSTS AND FIXED FEE"
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Randy M. Bjornerud, CFO & Treasurer

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

James W. Skinner, Contracting Officer

CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

1. The purpose of this modification is to:

- a. Revise Clause H.29 entitled "SURA CENTRAL OFFICE EXPENSES" in its entirety and incorporate the Actual Central Office Expenses Cap for FY03 and the Estimated Central Office Expenses Cap for FY04. Clause H.29 is revised as follows:

"The allowable costs reimbursed under Clause I.78 "Allowable Cost and Fixed Fee" of this contract shall include cost incurred by the SURA Central Office and shall be determined as follows:

- (1) Reimbursement of SURA's Residual Central Office Expenses (COE) shall be based upon the principles contained in OMB Circular A-122. SURA shall prepare and submit a detailed cost proposal for the Department of Energy's Contracting Officer review. SURA will certify that the cost proposal contains no unallowable costs. The proposal will be submitted no later than 60 days prior to the beginning of each year of the contract and will identify the estimated allocable portion of SURA's COE and the contractor's voluntary reduction of costs. The amount of COE allocated in accordance with SURA's Disclosure Statement, effective October 1, 2002, that is in excess of 51.54% of SURA's COE before membership credits calculated in the manner set forth in SURA's April 30, 2004 revised Cost Impact Analysis, shall be treated by SURA as a voluntary reduction of cost for the purpose of the proposal and the report discussed below. After review of the detailed proposal, the Parties shall negotiate a pre-determined fixed amount for that year's COE (Estimated COE Cap). Within 120 days after the end of each year of the contract, SURA shall submit for review a report identifying the actual allowable incurred costs and the Actual COE Cap to the Department of Energy in such form and detail as required by the Contracting Officer. The Actual COE Cap shall be 51.54% of SURA's actual COE before membership credits calculated in the manner set forth in SURA's April 30, 2004 revised Cost Impact Analysis. Any difference between the Estimated COE Cap and Actual COE Cap will be used to adjust the next year's or in the case of the last year of the contract, the final year's Estimated COE Cap. SURA's allowable costs for COE shall be paid to the Contractor in equal monthly installments, at the end of each month. The Estimated COE Cap will be subject to appropriate adjustment if the contract is terminated pursuant to Clause I.100 "Termination."
- (2) Any cost questioned as a result of subsequent DOE audits related to FY03 and forward, other than reductions for expressly unallowable costs, will be offset first by the contractor's voluntary reduction of costs. SURA agrees to reduce the report of actual allowable incurred costs and the Actual COE Cap by its allocable share of expressly unallowable costs if any. The parties agree that the same reimbursement methodology will apply in FY05 as documented in SURA's April 30, 2004 revised Cost Impact Analysis once the contract is extended for the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004.

- (3) A schedule of the Central Office Expenses is as follows:

<u>Fiscal Year</u>	<u>Estimated COE</u>	<u>Actual COE</u>
11/01/1999 – 9/30/2000	\$1,515,834	\$1,415,979
10/01/2000 – 9/30/2001	\$1,653,637	\$1,728,427
10/01/2001 – 9/30/2002	\$1,745,000	\$1,686,982

<u>Fiscal Year</u>	<u>Estimated COE Cap</u>	<u>Actual COE CAP</u>
10/01/2002 – 9/30/2003	\$1,083,333	\$1,067,703
10/01/2003 – 9/30/2004	\$1,333,642*	TBD

* The Estimated COE Cap payable to SURA is \$298,491 which is net of credits to DOE as annotated in paragraph 4 below.

- (4) The Office of the Inspector General Audit Report No. OAS-FC-0402 dated October 14, 2003 covered SURA's claimed costs for FY00 through FY02. Based on the IG audit, the IG questioned unallowable expenses of \$1,533,866 related to SURA's COE to be administratively resolved by DOE. As agreed to in the April 21-23, 2004 meeting and as documented in this contract modification, the parties have determined that \$514,345 is considered allowable costs and \$1,019,521 is considered unallowable costs. In accordance with Clause I.47A (FAR 52.242-3(g)) and FAR 42.709-5(c), the Contracting Officer has determined that penalties for unallowable cost associated with the \$1,019,521 are waived. Furthermore the parties agree that the unallowable costs of \$1,019,521 shall be used as a credit towards the FY04 Central Office Expenses payable to SURA under this contract. Therefore, the estimated COE Cap payable to SURA in FY04 is \$298,491 based on the credit of \$1,019,521 related to the FY00-02 IG Audit and the \$15,630 for the adjustment related to the excess FY03 Estimated COE Cap over the FY03 Actual COE Cap. SURA agrees to bill the \$298,491 in accordance with their May 17, 2004 letter entitled "Fiscal Year (FY) 2004 Central Office Expense Proposal" and any deviation from that plan will require Contracting Officer approval."
- b. Incorporate the fixed fee payable to the Contractor for FY04 under Clause I.78 entitled "DEAR 870.5204-13 ALLOWABLE COSTS AND FIXED FEE (MANAGEMENT AND OPERATING CONTRACTS) (MAR 1988) (DEVIATION)." The first section of paragraph (b) of Clause I.78 is revised as follows:
- "(b) Fixed-Fee. The fixed-fee payable to the Contractor for the performance of the work under this contract commencing November 1, 1999, is as follows:
- (1) From November 1, 1999 through September 30, 2000 – \$341,917

- (2) From October 1, 2000 through September 30, 2001 -- \$373,000
- (3) From October 1, 2001 through September 30, 2002 -- \$373,000
- (4) From October 1, 2002 through September 30, 2003 -- \$390,000
- (5) From October 1, 2003 through September 30, 2004 -- \$535,000

The parties agree that the FY04 fixed fee of \$535,000 will remain the same in FY05 once the contract is extended for the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004."

- c. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 4 PAGES
2. AMENDMENT/MODIFICATION NO. A281		3. EFFECTIVE DATE See Block 16C.		4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)	9A. AMENDMENT OF SOLICITATION NO.
					9B. DATED (SEE ITEM 11)
				X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
					10B. DATED (SEE ITEM 11) August 3, 1984
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Decrease of \$1,461,740


13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James D. Baxter, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 5/28/04

Received Time Jun. 3. 10:44AM

Contract No. DE-AC05-84ER40150

Modification No. A281

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1. The amount under this contract is decreased by \$1,461,740 from \$1,391,597,799.79 to \$1,390,136,059.79

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(1,600,000.00)	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	460,000.00	6,274,000.00
WA	KB0102012	(600,000.00)	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	6,045,000.00	36,706,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
YA	KB0401052	0.00	110,000.00	1,324,000.00
TC	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
3T	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	3,565,048.54	3,565,048.54
3Y	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
2Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600301020 (AGRSURA2003W003)	86,000.00	86,000.00	86,000.00

Received Time Jun. 3. 10:44AM

Contract No. DE-AC05-84ER40150

Modification No. A281

Page 3 of 4

Fund Type	B&R Code	Change	FY04	To Date
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
1Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	0.00	2,500.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	11,478.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	13,260.00	13,260.00	13,260.00
TC	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER40150111J CR40)	0.00	0.00	5,937,076.00
WA	820201000 (OP TSKER40150TJAAA CR40)	639,000.00	3,891,877.00	61,445,396.00
TF	AT5015033	0.00	0.00	5,000.00
FG	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
TC	CS502000 (EQU)	0.00	0.00	115,000.00
YA	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
HA	EB5502000	0.00	104,537.00	104,537.00
TE	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
WA	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WV	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WA	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	137,800.00	137,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
4V	KJ0200000	0.00	0.00	534,909.00
WA	KL0101000	0.00	0.00	122,618.00

Received Time Jun. 3. 10:44AM

Contract No. DE-AC05-84ER40150

Modification No. A281

Page 4 of 4

Fund Type	B&R Code	Change	FY04	To Date
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
TF	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
WA	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
TOTAL		<u>\$ (1,461,740.00)</u>	<u>\$100,071,864.48</u>	<u>\$1,390,136,059.79</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. M282		3. EFFECTIVE DATE See Block 16C.	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE	7. ADMINISTERED BY (if other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005			(X)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
			X	10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause I.110 DEAR 970.5204-78 Laws, Regulations and DOE Directives (June 1997)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <i>Victor S. Brown</i> CFO 8/18/04		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	16C. DATE SIGNED 8/18/04

Received Time Aug.27. 9:30AM

Contract No. DE-AC05-84ER40150

Modification No. M282

Page 2 of 2

1. The purpose of this modification is to

a. Add the following DOE Orders/Requirements to List B of Appendix E of subject contract:

I. Specific Requirements of the Directive Applicable to the Jefferson Lab Contract:

□ DOE Order 430.1B, Real Property Asset Management

– Applicable Attachment:

- Attachment 2 entitled "CONTRACTOR REQUIREMENTS DOCUMENT"

2. All other terms and conditions remain the same.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 4 PAGES
2. AMENDMENT/MODIFICATION NO. A283	3. EFFECTIVE DATE See Block 16C.	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150 10B. DATED (SEE ITEM 11) August 3, 1984	
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$5,783,609.78

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)
		16C. DATE SIGNED 6/30/04

Received Time Jul. 12. 10:16AM

Contract No. DE-AC05-84ER40150

Modification No. A283

Page 2 of 4

1. The amount under this contract is increased by \$5,783,609.78 from \$1,390,136,059.79 to \$1,395,919,669.57

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	1,650,000.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	1,400,000.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	158,000.00	158,000.00	158,000.00
WA	KB0401052	0.00	110,000.00	1,324,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	3,914,000.00	4,850,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	2,378,640.78	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00

Received Time Jul 12, 10:16AM

Contract No. DE-AC05-84ER40150

Modification No. A283

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Fund Type	B&R Code	Change	FY04	To Date
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	(2,428.00)	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	(603.00)	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	3,891,877.00	61,445,396.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WA	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WV	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	200,000.00	337,800.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00

Received Time Jul.12. 10:16AM

Contract No. DE-AC05-84ER40150

Modification No. A283

Page 4 of 4

Fund Type	B&R Code	Change	FY04	To Date
WA	KJ0200000			
4V	KL0101000	0.00	0.00	534,909.00
WA	KL0101000 (SULI)	0.00	0.00	122,618.00
WA	KL0103000 (PST)	0.00	90,000.00	722,350.00
WA	KL0201000 (LSTPD)	0.00	40,000.00	40,000.00
TF	KP1104010	0.00	131,000.00	131,000.00
WA	KP1401030	0.00	0.00	13,000.00
WA	KP1401030 (EQU)	0.00	775,000.00	2,242,000.00
WA	KP1402010	0.00	0.00	865,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600.00
WA	KS0101000	0.00	0.00	439,400.00
WA	KS0101000 (EQU)	0.00	0.00	4,000.00
WA	KT0101014	0.00	0.00	6,861.00
WA	KT0101017	0.00	0.00	380,000.00
WA	KT0101019	0.00	0.00	412,000.00
WA	KT0101025	0.00	0.00	5,000.00
WA	KT0201013	0.00	0.00	9,702.00
TF	KV0101012	0.00	0.00	87,300.00
TF	KV0101014	0.00	0.00	280,000.00
WA	KX0310211	0.00	0.00	612,000.00
YA	WB0100000	0.00	0.00	5,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	116,000.00
SA	YN1901000	0.00	0.00	125,000.00
SA	YN1901000 (39BP BP90)	0.00	0.00	98,652.00
		0.00	0.00	4,557,000.00
TOTAL		<u>\$ 5,783,609.78</u>	<u>\$105,855,474.26</u>	<u>\$1,395,919,669.57</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 4 PAGES
2. AMENDMENT/MODIFICATION NO. A284		3. EFFECTIVE DATE See Block 16C.		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X) 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150 10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$7,861,747.58

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	16C. DATE SIGNED 7/30/04
(Signature of person authorized to sign)			

Contract No. DE-AC05-84ER40150

Modification No. A284

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1. The amount under this contract is increased by \$7,861,747.58 from \$1,395,919,669.57 to \$1,403,781,417.15

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	436,000.00	593,000.00	593,000.00
WA	KB0301052 (EQU)	130,000.00	130,000.00	130,000.00
WA	KB0401052	0.00	110,000.00	1,324,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39K000000 (PRNMEL001033)	9,105,000.00	9,019,000.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	970,873.79	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	970,873.79	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00

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Fund Type	B&R Code	Change	FY04	To Date
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
TC	820201000 (OP TSKER40150TJAAA CR40)	250,000.00	4,141,877.00	61,695,396.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WA	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WV	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	337,800.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00

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Fund Type	B&R Code	Change	FY04	To Date
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
TOTAL		<u>\$ 7,861,747.58</u>	<u>\$113,717,221.84</u>	<u>\$1,403,781,417.15</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 4 PAGES	
2. AMENDMENT/MODIFICATION NO. A285		3. EFFECTIVE DATE See Block 16C.		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				(X)		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$730,503.63

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		James W. Skinner (Signature of Contracting Officer)	8/10/04

NSN 7540-01-152-8070
Previous edition unusable

Received Time Aug.27. 9:30AM

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

Contract No. DE-AC05-84ER40150

Modification No. A285

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1. The amount under this contract is increased by \$730,503.63 from \$1,403,781,417.15 to \$1,404,511,920.78
As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	593,000.00	593,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	130,000.00
WA	KB0401052	0.00	110,000.00	1,324,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	9,019,000.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	169,708.74	169,708.74	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	485,436.89	485,436.89	485,436.89
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

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Modification No. A285

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Fund Type	B&R Code	Change	FY04	To Date
3T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600305000 (AGR2004W002/W)	75,358.00	75,358.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	57,111.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,937,076.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	4,141,877.00	61,695,396.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001100	0.00	410,000.00	1,551,374.00
WA	FS1001500	0.00	44,000.00	174,000.00
WA	FS1002300	0.00	0.00	15,626.00
WA	FS1002400	0.00	130,000.00	440,000.00
WA	FS1005100	0.00	310,817.00	879,817.00
WA	FS1005500	0.00	(2,817.00)	43,183.00
WA	FS1009300	0.00	80,000.00	243,000.00
WV	FS1001100	0.00	0.00	140,373.00
WV	FS1001500	0.00	0.00	5,400.00
WV	FS1002400	0.00	0.00	81,000.00
WV	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00

Received Time Aug.27. 9:30AM

Contract No. DE-AC05-84ER40150

Modification No. A285

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Fund Type	B&R Code	Change	FY04	To Date
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	337,800.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,204,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	131,000.00	131,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	775,000.00	2,242,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,557,000.00
TOTAL		\$ 730,503.63	\$114,447,725.47	\$1,404,511,920.78

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGES
1 2

2. AMENDMENT/MODIFICATION NO. M286
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (if applicable)

6. ISSUED BY CODE
U.S. Department of Energy
TJNAF Site Office
12000 Jefferson Avenue
Newport News, VA 23606
7. ADMINISTERED BY (if other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
Southeastern Universities Research Association, Inc.
1201 New York Avenue, NW
Suite 430
Washington, D.C. 20005
9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC05-84ER40150
10B. DATED (SEE ITEM 11)
August 3, 1984

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE
PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment
your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this
amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X Clause 1.110 DEAR 970.5204-78 Laws, Regulations and DOE Directives (June 1997)
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/OFFICER
TERRY P. DEANER, PRES/CEO
15C. DATE SIGNED 10/13/04
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JAMES A. TURNER
James W. Skinner, Contracting Officer
16B. UNITED STATES OF AMERICA
16C. DATE SIGNED 10/15/04

Contract No. DE-AC05-84ER40150

Modification No. M286

Page 2 of 2

1. The purpose of this modification is to add the following DOE Orders/Requirements to List B of Appendix E of subject contract:

- DOE N 205.8 Cyber Security Requirements for Wireless Devices and Information Systems
- DOE N 205.9 Certification and Accreditation Process for Information Systems Including National Security Systems
- DOE N 205.10 Cyber Security Requirements for Risk Management
- DOE N 205.11 Security Requirements for Remote Access to DOE and Applicable Contractor Information Technology Systems
- DOE N 205.13 Extension of DOE N 205.4, Handling Cyber Security Alerts and Advisories and Reporting Cyber Security Incidents until 7-6-05.

2. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. A287	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X) 9A. AMENDMENT OF SOLICITATION NO.	
		9B. DATED (SEE ITEM 11)	
		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
		X 10B. DATED (SEE ITEM 11) August 3, 1984	
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$483,500.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
CONTRACTOR/OFFEROR (Signature of person authorized to sign)	James W. Skinner, Contracting Officer (Signature of Contracting Officer)
15C. DATE SIGNED	15B. UNITED STATES OF AMERICA 8-31-04
15C. DATE SIGNED	16C. DATE SIGNED

Contract No. DE-AC05-84ER40150

Modification No. A287

Page 2 of 4

The amount under this contract is increased by \$483,500.00 from \$1,404,511,920.78 to \$1,404,995,420.78

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	593,000.00	593,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	130,000.00
WA	KB0401052	15,000.00	125,000.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
	39KB00000 (87R203)	0.00	0.00	312,939,618.00
	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	9,019,000.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	169,708.74	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	485,436.89	485,436.89
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

Contract No. DE-AC05-84ER40150

Modification No. A287

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id Type	B&R Code	Change	FY04	To Date
3T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600305000 (AGR2004W002/W)	0.00	75,358.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	6,500.00	6,500.00	6,500.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	(487.00)	(487.00)	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	(3,505.00)	(3,505.00)	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	(2,057,109.00)	2,084,768.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	1,725,374.00	454,000.00	1,725,374.00
WA	FS1001100	(1,551,374.00)	0.00	0.00
WA	FS1001500	(174,000.00)	0.00	0.00
WA	FS1002000	455,626.00	130,000.00	455,626.00
WA	FS1002300	(15,626.00)	0.00	0.00
WA	FS1002400	(440,000.00)	0.00	0.00
WA	FS1005000	923,000.00	308,000.00	923,000.00
WA	FS1005100	(879,817.00)	0.00	0.00
WA	FS1005500	(43,183.00)	0.00	0.00
	FS1009000	243,000.00	80,000.00	243,000.00
	FS1009300	(243,000.00)	0.00	0.00
WV	FS1001000	145,773.00	0.00	145,773.00

Contract No. DE-AC05-84ER40150

Modification No. A287

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Type	B&R Code	Change	FY04	To Date
WV	FS1001100	(140,373.00)	0.00	0.00
WV	FS1001500	(5,400.00)	0.00	0.00
WV	FS1002000	81,000.00	0.00	81,000.00
WV	FS1002400	(81,000.00)	0.00	0.00
WV	FS1009000	9,000.00	0.00	9,000.00
WV	FS1009300	(9,000.00)	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	337,800.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	300,000.00	300,000.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
WA	KL0201000 (LSTPD)	46,000.00	177,000.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	116,000.00	891,000.00	2,358,000.00
	KP1401030 (EQU)	0.00	0.00	865,000.00
	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	(419,622.00)	(419,622.00)	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	419,622.00	419,622.00	419,622.00
YZ	YN1901000 (TSKER40150I11J)	3,505.00	3,505.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	487.00	487.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	2,057,109.00	2,057,109.00	2,057,109.00
TOTAL		\$ 483,500.00	\$114,931,225.47	\$1,404,995,420.78

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 4 PAGES	
2. AMENDMENT/MODIFICATION NO. A288		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
ISSUED BY Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
				X		9B. DATED (SEE ITEM 11)	
						10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$266,601.94

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
A. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		James W. Skinner, Contracting Officer	
		UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	
16C. DATE SIGNED		16C. DATE SIGNED	
		9/17/04	

The amount under this contract is increased by \$266,601.94 from \$1,404,995,420.78 to \$1,405,262,022.72

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	0.00	5,184,000.00	181,190,575.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	10,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	593,000.00	593,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	130,000.00
WA	KB0401052	0.00	125,000.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
YA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
YA	39KG01000 (PRNMEL001033)	0.00	9,019,000.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	392,979.61
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	169,708.74	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	485,436.89	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	266,601.94	266,601.94	266,601.94
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,744,355.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	12,135.92
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

Fund Type	B&R Code	Change	FY04	To Date
3T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,427.18
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	19,417.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,456.31
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	200,000.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	17,000.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	40,558.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	494,000.00
2Y	600305000 (AGR2004W002/W)	0.00	75,358.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	28,469.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
Y	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	6,500.00	6,500.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	(487.00)	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	(3,505.00)	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	2,084,768.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	1,725,374.00	1,725,374.00
WA	FS1001100	0.00	(1,141,374.00)	0.00
WA	FS1001500	0.00	(130,000.00)	0.00
WA	FS1002000	0.00	455,626.00	455,626.00
WA	FS1002300	0.00	(15,626.00)	0.00
WA	FS1002400	0.00	(310,000.00)	0.00
WA	FS1005000	0.00	923,000.00	923,000.00
WA	FS1005100	0.00	(569,000.00)	0.00
WA	FS1005500	0.00	(46,000.00)	0.00
WA	FS1009000	0.00	243,000.00	243,000.00
WA	FS1009300	0.00	(163,000.00)	0.00
WW	FS1001000	0.00	145,773.00	145,773.00

und Type	B&R Code	Change	FY04	To Date
WV	FS1001100	0.00		
WV	FS1001500	0.00	(140,373.00)	0.00
WV	FS1002000	0.00	(5,400.00)	0.00
WV	FS1002400	0.00	81,000.00	81,000.00
WV	FS1009000	0.00	(81,000.00)	0.00
WV	FS1009300	0.00	9,000.00	9,000.00
WA	KA1401030	0.00	(9,000.00)	0.00
WA	KA1502030	0.00	0.00	644,310.00
WA	KA1502030 (EQU EQU)	0.00	20,000.00	35,000.00
WA	KC0204018	0.00	90,000.00	90,000.00
WA	KC0301030	0.00	0.00	11,943.00
WA	KG0801000	0.00	0.00	182,982.00
WA	KJ0101030	0.00	337,800.00	337,800.00
WA	KJ0102000	0.00	0.00	155,000.00
WA	KJ0102000 (EQU)	0.00	300,000.00	1,504,346.00
WA	KJ0200000	0.00	0.00	44,745.00
4V	KL0101000	0.00	0.00	534,909.00
WA	KL0101000 (SULI)	0.00	0.00	122,618.00
WA	KL0103000 (PST)	0.00	90,000.00	722,350.00
WA	KL0201000 (LSTPD)	0.00	40,000.00	40,000.00
TF	KP1104010	0.00	177,000.00	177,000.00
WA	KP1401030	0.00	0.00	13,000.00
VA	KP1401030 (EQU)	0.00	891,000.00	2,358,000.00
NA	KP1402010	0.00	0.00	865,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600.00
WA	KS0101000	0.00	0.00	439,400.00
WA	KS0101000 (EQU)	0.00	0.00	4,000.00
WA	KT0101014	0.00	0.00	6,861.00
WA	KT0101017	0.00	0.00	380,000.00
WA	KT0101019	0.00	0.00	412,000.00
WA	KT0101025	0.00	0.00	5,000.00
WA	KT0201013	0.00	0.00	9,702.00
TF	KV0101012	0.00	0.00	87,300.00
TF	KV0101014	0.00	0.00	280,000.00
WA	KX0310211	0.00	0.00	612,000.00
YA	WB0100000	0.00	0.00	5,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	116,000.00
SA	YN1901000	0.00	0.00	125,000.00
SA	YN1901000 (39BP BP90)	0.00	0.00	98,652.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	(419,622.00)	4,137,378.00
YZ	YN1901000 (TSKER40150I111J)	0.00	419,622.00	419,622.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	3,505.00	3,505.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	487.00	487.00
		0.00	2,057,109.00	2,057,109.00
TOTAL		\$ 266,601.94	\$115,197,827.41	\$1,405,262,022.72

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 2 PAGES	
2. AMENDMENT/MODIFICATION NO. M289		3. EFFECTIVE DATE See Block 16C.		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: The Secretary's Decision Memorandum entitled "Competition for DOE Laboratory M&O Contracts" dated January 29, 2004.
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) JERRY P. DRAAYER, PRES/CEO of SURA		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR <i>(Signature)</i> (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA <i>(Signature)</i> (Signature of Contracting Officer)	
15C. DATE SIGNED 9/30/04		16C. DATE SIGNED 9/30/04	

DE-AC05-84ER40150
Modification M289
Page 2 of 2

1. The purpose of this modification is to extend the period of performance to September 30, 2005.
2. Clause F.1 entitled "PERIOD OF PERFORMANCE," is revised as follows:

"In accordance with this Contract Modification, the performance of the work described in Part I, Section C – Description/Specifications/Work Statement shall continue up to and including September 30, 2005. This modification is an extension of Contract DE-AC05-84ER40150, dated August 3, 1983, and currently in effect through September 30, 2005."

3. All other terms and conditions remain the same.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 4 PAGES

2. AMENDMENT/MODIFICATION NO.

A290

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

7. ADMINISTERED BY (If other than Item 6)

CODE

U.S. Department of Energy

TJNAF Site Office

12000 Jefferson Avenue

Newport News, VA 23606

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Southeastern Universities Research Association, Inc.

1201 New York Avenue, NW

Suite 430

Washington, D.C. 20005

(X)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC05-84ER40150

10B. DATED (SEE ITEM 11)

X

CODE

FACILITY CODE

August 3, 1984

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Decrease of \$71,480.02

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X

Decrease in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

James W. Skinner, Contracting Officer

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070
Previous edition unusable.STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

Received Time Oct. 8. 1:33PM

Contract No. DE-AC05-84ER40150

Modification No. A290

Page 2 of 4

1. The amount under this contract is decreased by \$71,480.02 from \$1,405,262,022.72 to \$1,405,190,542.70

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	3,500.00	5,187,500.00	181,194,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	45,382,000.00	500,538,777.00
WA	KB0102011 (AIP)	0.00	1,100,000.00	9,263,000.00
WA	KB0102011 (GPP)	0.00	2,110,000.00	7,924,000.00
WA	KB0102012	0.00	19,506,000.00	112,941,059.00
WA	KB0102012 (EQU)	0.00	7,445,000.00	38,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00		1,900.00
WA	KB0181015			1,000.00
WA	KB0181020			1,000.00
WA	KB0301020			702.00
WA	KB0301020 (EQU)			1,000.00
WA	KB0301052			1,000.00
WA	KB0301052 (EQU)			1,000.00
WA	KB0401052			176.00
YA	392100000			442.00
TC	39DP08170			318.00
WA	39KB00000 (87R203)			300.00
WA	39KG01000 (PRN03SC01003)			300.00
WA	39KG01000 (PRNMEL001033)			185.00
YA	39WB00000 (IHE50000A001)			100.00
YA	39WB00000 (IHE50000A002)			00.00
YA	39WB00000 (IHE50000A003)			37.86
3T	400403109 (2001-W004/2002W003)			37.86
3T	400403109 (AGRSURA02W003)			0.00
3T	400403309 (AGRN0001401-F-0171)		0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	(2,838.61)	(2,838.61)	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	146,116.50	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	3,883,495.15	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	2,766,990.29	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	169,708.74	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	485,436.89	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	266,601.94	266,601.94
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	(38,792.00)	(38,792.00)	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	(176.92)	(176.92)	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

Handwritten notes on the right side of the table:

- 400403309 - 44,574
- 600301010 - 1,708
- 60030102 - 6,500
- 600305 - 27,409
- 650102 - 7,780

Received Time Oct. 8. 1:33PM

Contract No. DE-AC05-84ER40150

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Fund Type	B&R Code	Change	FY04	To Date
3T	400403309(SURA2004W003)	0.00	5,943,689.32	5,943,689.32
3T	400403809 (AGR03N186-01)	(40.18)	(40.18)	2,387.00
3Y	400409900 (AGRSURA2001W002)	(2,399.00)	(2,399.00)	17,018.00
3Y	400412000 (AGRY1OR133700)	(327.31)	(327.31)	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	(1,708.00)	(1,708.00)	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	86,000.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	6,500.00	6,500.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	(278.00)	(278.00)	16,722.00
2Y	600305000 (OP AGR2000W002)	(1,091.00)	(1,091.00)	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	(26,040.00)	(26,040.00)	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	75,358.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	48,277.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	(1,289.00)	(1,289.00)	27,180.00
1Y	650102000 (AGRS003)	0.00	(2,428.00)	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	(603.00)	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	13,260.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	(6,500.00)	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	(487.00)	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	(3,505.00)	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	2,084,768.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	(443,600.00)	0.00
YA	EB5501000	0.00	339,063.00	339,063.00
YA	EB5502000	0.00	104,537.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	1,725,374.00	1,725,374.00
WA	FS1001100	0.00	(1,141,374.00)	0.00
WA	FS1001500	0.00	(130,000.00)	0.00
WA	FS1002000	0.00	455,626.00	455,626.00
WA	FS1002300	0.00	(15,626.00)	0.00
WA	FS1002400	0.00	(310,000.00)	0.00
WA	FS1005000	0.00	923,000.00	923,000.00
WA	FS1005100	0.00	(569,000.00)	0.00
WA	FS1005500	0.00	(46,000.00)	0.00
WA	FS1009000	0.00	243,000.00	243,000.00
WA	FS1009300	0.00	(163,000.00)	0.00

Received Time Oct. 8. 1:33PM

Contract No. DE-AC05-84ER40150

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Fund Type	B&R Code	Change	FY04	To Date
WV	FS1001000	0.00	145,773.00	145,773.00
WV	FS1001100	0.00	(140,373.00)	0.00
WV	FS1001500	0.00	(5,400.00)	0.00
WV	FS1002000	0.00	81,000.00	81,000.00
WV	FS1002400	0.00	(81,000.00)	0.00
WV	FS1009000	0.00	9,000.00	9,000.00
WV	FS1009300	0.00	(9,000.00)	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	20,000.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	90,000.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	337,800.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	300,000.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	90,000.00	722,350.00
WA	KL0103000 (PST)	0.00	40,000.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	177,000.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	891,000.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	0.00	865,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	(419,622.00)	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	419,622.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	3,505.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	487.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	2,057,109.00	2,057,109.00
TOTAL		\$ (71,480.02)	\$115,126,347.39	\$1,405,190,542.70

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. M291	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	CODE	7. ADMINISTERED BY (if other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
			10B. DATED (SEE ITEM 11) August 3, 1984
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause H.29 titled "SURA CENTRAL OFFICE EXPENSES" & Clause I.78 DEAR 970.5240-13 titled "ALLOWABLE COSTS AND FIXED FEE"
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) TERRY P. DRADYER, PRES/CEO of SURA	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)
15C. DATE SIGNED 10/13/04	16C. DATE SIGNED 10/13/04

Contract No. DE-AC05-84ER40150

Modification No. M291

Page 2 of 2

1. The purpose of this modification is to:
 - a. Incorporate the Estimated Central Office Expenses (COE) Cap for FY05. Paragraph (3) of clause H.29 is revised as follows:

"A schedule of the Central Office Expenses is as follows:

Fiscal Year	Estimated COE	Actual COE
11/01/1999-9/30/2000	\$1,515,834	\$1,415,979
10/01/2000-9/30/2001	\$1,653,637	\$1,728,427
10/01/2001-9/30/2002	\$1,745,000	\$1,686,982
Fiscal Year	Estimated COE CAP	Actual COE CAP
10/01/2002-9/30/2003	\$1,083,333	\$1,067,703
10/01/2003-9/30/2004	\$1,333,642*	TBD
10/01/2004-9/30/2005	\$1,566,190**	TBD

*The Estimated FY04 COE Cap payable to SURA is \$298,491 which is net of credits to DOE as annotated in paragraph 1.a. (4) of contract modification M280.

**The Estimated FY05 COE Cap payable to SURA is \$1,116,190 which is net of a \$450,000 credit to DOE for "reserve funds" addressed in paragraph (b) of Clause I.78 entitled "DEAR 970.5204-13, Allowable Costs and Fixed Fee"

- b. Incorporate the fixed fee payable to the Contractor for FY05 under Clause I.78 entitled "DEAR 870.5204-13 ALLOWABLE COSTS AND FIXED FEE (MANAGEMENT AND OPERATING CONTRACTS) (MAR 1988) (DEVIATION)." The first section of paragraph (b) of Clause I.78 is revised as follows:

"(b) Fixed-Fee. The fixed-fee payable to the Contractor for the performance of the work under this contract commencing November 1, 1999, is as follows:

- (1) From November 1, 1999 through September 30, 2000- \$341,917
- (2) From October 1, 2000 through September 30, 2001- \$373,000
- (3) From October 1, 2001 through September 30, 2002- \$373,000
- (4) From October 1, 2002 through September 30, 2003- \$390,000
- (5) From October 1, 2003 through September 30, 2004- \$535,000
- (6) From October 1, 2004 through September 30, 2005- \$535,000

The parties agree that the FY04 fixed fee of \$535,000 will remain the same in FY05 once the contract is extended for the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004."

2. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 4
2. AMENDMENT/MODIFICATION NO. A292		3. EFFECTIVE DATE October 1, 2004	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)	9A. AMENDMENT OF SOLICITATION NO.
					9B. DATED (SEE ITEM 11)
				X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
					10B. DATED (SEE ITEM 11) August 3, 1984
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$11,897,951

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	16C. DATE SIGNED 10/8/04

Received Time Oct. 12. 9:47AM

Contract No. DE-AC05-84ER40150

Modification No. A292

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1. The amount under this contract is decreased by \$11,897,951.00 from \$1,405,190,542.70 to \$1,417,088,493.70
As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY04	To Date
WA	KB0101021	1,000,000.00	1,000,000.00	182,194,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	6,500,000.00	6,500,000.00	507,038,777.00
WA	KB0102011 (AIP)	100,000.00	100,000.00	9,363,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	3,200,000.00	3,200,000.00	116,141,059.00
WA	KB0102012 (EQU)	129,951.00	129,951.00	38,236,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	400,000.00	400,000.00	10,466,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

Received Time Oct.12. 9:47AM

Contract No. DE-AC05-84ER40150

Modification No. A292

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Fund Type	B&R Code	Change	FY04	To Date
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	0.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	437,000.00	437,000.00	2,162,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	26,000.00	26,000.00	481,626.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	50,000.00	50,000.00	973,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	0.00	243,000.00
WA	FS1009300	0.00	0.00	0.00

Received Time Oct. 12. 9:47AM

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Fund Type	B&R Code	Change	FY04	To Date
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	55,000.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
TOTAL		<u>\$ 11,897,951.00</u>	<u>\$11,897,951.00</u>	<u>\$1,417,088,493.70</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. A293	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	CODE	7. ADMINISTERED BY (If other than Item 6) CODE	
9. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
			10B. DATED (SEE ITEM 11) August 3, 1984
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$500,000

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	16C. DATE SIGNED 10/22/04

Contract No. DE-AC05-84ER40150

Modification No. A293

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1. The amount under this contract is increased by \$500,000 from \$1,417,088,493.70 to \$1,417,588,493.70

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	250,000.00	1,250,000.00	182,444,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(500,000.00)	6,000,000.00	506,538,777.00
WA	KB0102011 (AIP)	0.00	100,000.00	9,363,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	400,000.00	3,600,000.00	116,541,059.00
WA	KB0102012 (EQU)	0.00	129,951.00	38,236,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	(150,000.00)	250,000.00	10,316,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	600305000 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	0.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	437,000.00	2,162,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	26,000.00	481,626.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	50,000.00	973,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	0.00	243,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00

Received Time Oct.27. 11:41AM

Contract No. DE-AC05-84ER40150

Modification No. A293

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Fund Type	B&R Code	Change	FY05	To Date
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
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WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
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YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
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YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	500,000.00	500,000.00	500,000.00
TOTAL		\$ 500,000.00	\$12,397,951.00	\$1,417,588,493.70

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
PAGE 1 OF 4 PAGES2. AMENDMENT/MODIFICATION NO. A294
3. EFFECTIVE DATE See Blk 16C
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)6. ISSUED BY CODE
7. ADMINISTERED BY (If other than Item 6) CODEU.S. Department of Energy
TJNAF Site Office
12000 Jefferson Avenue
Newport News, VA 23606

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Southeastern Universities Research Association, Inc.

1201 New York Avenue, NW

Suite 430

Washington, D.C. 20005

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC05-84ER40150

10B. DATED (SEE ITEM 11)

X

August 3, 1984

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$545,631.07

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 11/3/04

Contract No. DE-AC05-84ER40150

Modification No. A294

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1. The amount under this contract is increased by \$545,631.07 from \$1,417,588,493.70 to \$1,418,134,124.77

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	1,250,000.00	182,444,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	6,000,000.00	506,538,777.00
WA	KB0102011 (AIP)	0.00	100,000.00	9,363,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	0.00	3,600,000.00	116,541,059.00
WA	KB0102012 (EQU)	0.00	129,951.00	38,236,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	250,000.00	10,316,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	663,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	545,631.07	545,631.07	545,631.07
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	0.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	437,000.00	2,162,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	26,000.00	481,626.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	50,000.00	973,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	0.00	243,000.00

Received Time Nov.17. 3:27PM

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	500,000.00	500,000.00
TOTAL		\$ 545,631.07	\$12,943,582.07	\$1,418,134,124.77

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE 1 OF 4 PAGES	
2. AMENDMENT/MODIFICATION NO. A295		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (if applicable)		6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (if other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X)		9A. AMENDMENT OF SOLICITATION NO.	
CODE		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				10B. DATED (SEE ITEM 11) August 3, 1984	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$3,007,000

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**
SEE FOLLOWING PAGES

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	16C. DATE SIGNED 11-30-04

Contract No. DE-AC05-84ER40150

Modification No. A295

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1. The amount under this contract is increased by \$3,007,000.00 from \$1,418,134,124.77 to \$1,421,141,124.77.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	900,000.00	2,150,000.00	183,344,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	300,000.00	6,300,000.00	506,838,777.00
WA	KB0102011 (AIP)	100,000.00	200,000.00	9,463,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	300,000.00	3,900,000.00	116,841,059.00
WA	KB0102012 (EQU)	447,000.00	576,951.00	38,683,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	700,000.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	75,000.00	325,000.00	10,391,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNME001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	0.00	13,260.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER40150111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	20,000.00	457,000.00	2,182,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	30,000.00	56,000.00	511,626.00
WA	FS1002000 (GPP)	60,000.00	60,000.00	60,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	50,000.00	100,000.00	1,023,000.00
WA	FS1005100	0.00	0.00	0.00

Contract No. DE-AC05-84ER40150

Modification No. A295

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	25,000.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	500,000.00	500,000.00
TOTAL		\$ 3,007,000.00	\$15,950,582.07	\$1,421,141,124.77

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. A296	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
			10B. DATED (SEE ITEM 11) August 3, 1984
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$136,726

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 15D. UNITED STATES OF AMERICA James W. Skinner (Signature of Contracting Officer)
	16C. DATE SIGNED 12-1-04

Received Time Dec. 7. 4:32PM

Contract No. DE-AC05-84ER40150

Modification No. A296

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1. The amount under this contract is increased by \$136,726.00 from \$1,421,141,124.77 to \$1,421,277,850.77.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	2,150,000.00	183,344,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	6,300,000.00	506,838,777.00
WA	KB0102011 (AIP)	0.00	200,000.00	9,463,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	0.00	3,900,000.00	116,841,059.00
WA	KB0102012 (EQU)	0.00	576,951.00	38,683,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	325,000.00	10,391,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	76,726.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	30,000.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	30,000.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	457,000.00	2,182,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	56,000.00	511,626.00
WA	FS1002000 (GPP)	0.00	60,000.00	60,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00

Contract No. DE-AC05-84ER40150

Modification No. A296

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005000	0.00	100,000.00	1,023,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
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WA	KP1401030	0.00	0.00	2,358,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
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WA	KT0201013	0.00	0.00	87,300.00
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TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
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YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	500,000.00	500,000.00
TOTAL		\$ 136,726.00	\$16,087,308.07	\$1,421,277,850.77

Received Time Dec. 7. 4:32PM

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT		TRACT ID CODE	PAGE OF PAGES
			1 4
2. AMENDMENT/MODIFICATION NO. A297	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	7. ADMINISTERED BY (if other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X) 9A. AMENDMENT OF SOLICITATION NO.	
		9B. DATED (SEE ITEM 11)	
		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
		10B. DATED (SEE ITEM 11) August 3, 1984	
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$1,165,000

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)
	16C. DATE SIGNED 12/9/04

Received Time Dec. 15. 11:40AM

Contract No. DE-AC05-84ER40150

Modification No. A297

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1. The amount under this contract is increased by \$1,165,000.00 from \$1,421,277,850.77 to \$1,422,442,850.77.

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	2,150,000.00	183,344,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	715,000.00	7,015,000.00	507,553,777.00
WA	KB0102011 (AIP)	0.00	200,000.00	9,463,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	400,000.00	4,300,000.00	117,241,059.00
WA	KB0102012 (EQU)	0.00	576,951.00	38,683,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	325,000.00	10,391,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	457,000.00	2,182,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	56,000.00	511,626.00
WA	FS1002000 (GPP)	0.00	60,000.00	60,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005000	0.00	100,000.00	1,023,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	50,000.00	50,000.00	2,408,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	500,000.00	500,000.00
TOTAL		\$ 1,165,000.00	\$17,252,308.07	\$1,422,442,850.77

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 1 PAGES
2. AMENDMENT/MODIFICATION NO. M298	3. EFFECTIVE DATE October 1, 2004	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)
SUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	CODE	7. ADMINISTERED BY (if other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, DC 20005		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
			10B. DATED (SEE ITEM 11) August 3, 1984
CODE	FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: In accordance with Clause H.32 entitled "Use of Objective Standards of Performance Self-Assessment and Performance Evaluation" and Clause H.31 "Performance Measure Review."
	D. OTHER (Specify type of modification and authority)

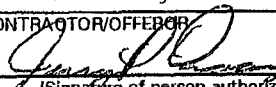

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to revise Appendix B (Performance Evaluation by Performance-Based Metrics) in its entirety and establish the Performance Evaluation Plan for FY 2005.

2. All other terms and conditions remain unchanged and in full force and effect.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Dr. Jerry P. Draayer, President		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFICER  (Signature of person authorized to sign)	15C. DATE SIGNED 12/22/04	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12/22/04

JEFFERSON LAB FY2005 APPENDIX B

U. S. Department of Energy's



THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

JEFFERSON LAB APPENDIX B

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Performance Evaluation by Performance-Based Metrics

General

This Appendix sets forth the basis upon which an evaluation of the performance of the Thomas Jefferson National Accelerator Facility (otherwise known as "Jefferson Lab;" formerly CEBAF) will be conducted as required by contract Clause H-32 (Use of Objective Standards of Performance, Self Assessment and Performance Evaluation) and Clause H-31 (Performance Measure Review) of the contract. The evaluation procedure described below utilizes a set of "key indicators" which will broadly measure the laboratory's performance in six critical areas. Associated with most "key indicators" (both peer reviews and performance metrics) is a set of "secondary indicators" which will measure the laboratory's performance in a more detailed way and extend the validity of each respective "key indicator." As it relates to Clause H-32 of the contract and the peer review process for the Business and Administrative Practices and Responsible Institutional Management sections of the Performance Evaluation Plan, the parties agree that: (i) the panel will be selected by mutual agreement; and (ii) DOE will concur with the official charge to the panel prior to issuance by SURA.

The Summary of Performance Measures, shows the six performance objectives of this contract and their corresponding key indicators. Following this table are six sections elaborating on each key indicator and listing the associated secondary indicators with established performance goals, where appropriate. A system for scoring performance in the six categories and for integrating these scores into an overall evaluation rating for each performance period is provided under the subheading "Scoring Methodology." The parties agree to adhere to this system in arriving at the overall evaluation of the laboratory's performance against these measures. The schedule for performing the Laboratory evaluation is provided under the subheading "Appendix B Annual Appraisal Timeline." It is the intent of the parties to strictly adhere to this schedule although either party may request a revision to the proposed schedule.

For FY05, performance measures have been established in accordance with the annual reassessment process outlined in the paragraph entitled "Periodic Reassessment" and the FY04 results. The FY05 performance goals have been set based on: (i) the outcome of the FY04 performance measures in relation to the FY04 performance goals; and, (ii) other pertinent data.

Goal Setting

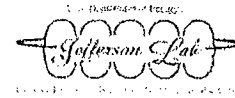
The primary considerations for selecting performance measures and setting goals at Jefferson Lab are:

Performance measures should provide accurate, valid measures of performance in areas of importance to DOE and Laboratory management.

The total set of measures should reflect priorities of DOE and Laboratory management and a proper balance of cost-benefit and return-on-investment.

Setting goals that optimize the Laboratory's overall performance in the contexts of its mission frequently yields a more desirable result than setting goals that stress maximum quantitative performance in narrow areas. For instance, simply pushing for maximum accelerator availability might penalize highly specialized or difficult experiments with high scientific merit or impede

Jefferson Lab
FY05 Appendix B



accelerator development. In other areas, pushing for unreasonably high quantitative goals might divert limited resources from other more mission-oriented activities with little or no benefit.

The broader the base of comparison of Jefferson Lab's performance with similar institutions, the greater the possibility of learning improved ways of performing activities and how important it is to perform those activities.

Comparison with other facilities is most effective when objectives, constraints and hazards at the facilities are similar, or normalization is relatively simple.

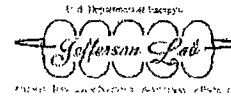
The performance measures, the comparison base, and the goals should be selected keeping in mind the ease of obtaining current comparison data.

Given these considerations, the DOE and SURA have agreed that the primary use of performance measures will be to compare the Laboratory's performance against the mission objectives of the Laboratory, taking into account the maturity of its various programs (e.g., the criteria to achieve an "outstanding" rating for a mature program would be different from that for a young program). The allocation of points among the performance objective categories is the first indication of this value judgment. The DOE/Laboratory Performance Measurement Teams were advised to select as broad a comparison area as practical in order to maximize the opportunity to improve systems and processes and to define the performance measures and set the goals with the intent of enhancing the Lab's performance toward achieving its mission. While this approach requires a considerable exercise of judgment and somewhat limits a direct comparison with other facilities based on score, it presents the best opportunity to improve the overall performance of the Laboratory. This approach results in a mixture of broad performance measures where Laboratory performance can be quantitatively compared with other DOE and/or industrial facilities (such as property loss ratios), and measures that are much more unique to the mission of this Laboratory (such as Reliable Experimental and Accelerator Operations, Production of Scientific and Technical Manpower and Technology Transfer). A practice used extensively at Jefferson Lab that combines broad measures with measures very closely tailored to the mission of the Laboratory is the Peer Review. Depending on the function or category under review, technical and/or management personnel with similar responsibilities at other facilities review the Laboratory's performance as prescribed in a carefully constructed charter and arrive at a score or adjectival rating for that function or category. This practice makes available the experience and expertise of nationally recognized experts in various fields and provides maximum opportunity for knowledgeable feedback leading to performance improvement.

Performance Report

The Contractor will report on the results of its performance as defined by Appendix B at the end of each fiscal year. This Performance Report should include for each performance category, in addition to actual performance metric scores and/or peer review results, an overview self-assessment which includes: a brief description of major achievements; significant strengths and weaknesses; the status of responses to recommendations from the Peer Reviews; an assessment of whether the performance measures were valid indicators of performance; other lessons learned; principal areas of emphasis for improvement during the following fiscal year; and any recommended changes in performance measures or goals for the following fiscal year. A discussion of the Laboratory's overall performance and the major areas Lab-wide that SURA perceives as the most important focus areas for the upcoming performance period also will be included.

Jefferson Lab
FY05 Appendix B



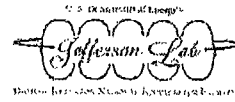
The DOE will use the Contractor's Performance Report along with other inputs to evaluate the Contractor's overall performance for each evaluation period. These other inputs include observations and results of inspections conducted by the Site Office staff, and programmatic/functional appraisals and reviews coordinated by the Site Office. As a means of incorporating these additional considerations, the parties have agreed that the Contracting Officer will develop a performance report that will supplement the product of the performance measure process. This report will capture the highlights of the DOE Site Office observations/reviews, results of DOE appraisals, as well as other important information (including mitigating factors or events that may be outside the control of the Contractor) that will be used to balance the overall performance assessment for the year. This report will include a discussion of performance against regulatory and contract requirements that were not defined in terms of performance measures. The parties agree that the results from these assessment inputs could change the category rating and/or overall performance.

Periodic Reassessment

The parties also agree to a reassessment of these performance measures prior to the beginning of each evaluation period. In particular, the parties agree to:

1. Assess the validity of each respective indicator as an accurate and meaningful reflector of performance (using the detailed secondary indicators and other criteria) and to replace them with more appropriate indicators if necessary;
2. Consider adding to or subtracting from the complement of secondary indicators in order to more meaningfully and accurately track vital performance objectives or to correct deficiencies in the more global key indicators; and
3. Consider adding or subtracting key indicators or secondary indicators as appropriate in response to the evolving requirements of DOE; in particular, both parties undertake to replace DOE directives whenever feasible by performance metrics.

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Scoring Methodology

The parties have agreed to the following scoring methodology:

A. Point Allocation: A 1220 point scale will be distributed among the six performance objective categories as follows:

1. Outstanding Science and Technology	720 points
2. Corporate Citizenship	75 points
3. Quality Performance in EH&S	150 points
4. Business and Administrative Practices	105 points
5. Responsible Institutional Management	100 points
6. Project Management	70 points

Within each of the six performance objective categories, the individual points have been allocated between the key indicator and the secondary indicators.

B. Point Scale: A grading scale will be used for rating each category and the overall performance evaluation as follows:

<u>Adjectival Rating</u>	<u>% of Points</u>
Outstanding	90% to 100%
Excellent	80% to < 90%
Good	70% to < 80%
Marginal	60% to < 70%
Unsatisfactory (Poor)	50% to < 60%
Unsatisfactory (Failing)	<50%

After applying the appropriate percentage to the points assigned for each indicator, accuracy at the one decimal point level will be retained.

C. Rating Each Category: The following weighted average approach will be used to rate each of the six performance objective categories:

1. For each performance measure, multiply performance percent achieved times the assigned points to arrive at the awarded points.
2. Sum the assigned points and sum the awarded points for all performance measures to arrive at a total for each (i.e., total assigned points and total awarded points).
3. Divide the total awarded points for the category by the total assigned points for the category and convert to a percentage.
4. Arrive at an overall adjectival rating for the category by using the point scale in paragraph (B).

In years where a new indicator, which requires baselining, might be added to the set, the Laboratory evaluation score will be based on paragraph (D) below.

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D. Overall Performance Evaluation: The following methodology will be used to determine the overall performance rating:

1. Sum the assigned points and sum the awarded points for each performance measure being scored in the performance period. (For odd years, the same score achieved in Responsible Institutional Management from the prior year will be carried forward and included in the performance evaluation calculation).
2. Divide the awarded points by the assigned points. This percentage of 1220 is the laboratory's overall score for the evaluation period.
3. Arrive at the overall adjectival performance rating for the contract on the point scale, in accordance with paragraph (B).
4. Incorporate the results of the DOE Site Office performance report as described in the above paragraph entitled "Performance Report" of this Appendix.

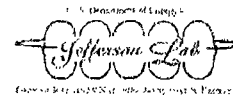
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Contract Performance Annual Appraisal Timeline

<u>DATE</u>	<u>ELEMENT</u>
7/1/FY-1	Functional teams from DOE and SURA develop Performance Metrics.
9/1/FY-1	Performance Metrics due to the DOE Site Office Manager.
10/1/FY	DOE transmits final Performance Metrics to SURA.
4/15/FY	DOE performs mid-year status review.
9/30/FY	Evaluation period ends.
11/25/FY+1	SURA submits Performance Report
12/10/FY+1	DOE develops draft evaluation and transmits to SURA.
12/17/FY+1	SURA submits comments on draft evaluation.
12/24/FY+1	DOE transmits final report to SURA.

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Summary of Performance Measures

1.0 Outstanding Science and Technology				
PM	Description	Goal	Point Value	Total
1.1	Key Indicator - Peer Review	100%	450	
Subtotal Peer Review				450
1.2 Reliable Experimental and Accelerator Operations				
1.2.1	Delivered Physics Research Operations *Dependent on details of beam schedule	*	100	
1.2.2	Accelerator Downtime	≤15%	40	
1.2.3	Experimental Equipment Availability *Dependent on details of beam schedule	*	20	
1.2.4	Effectiveness of the Scheduling Process	100%	20	
1.2.5	Overall Operations Effectiveness	27 weeks	20	
Subtotal Reliable Experimental and Accelerator Operations				200
1.3 Production of Scientific and Technical Manpower				
1.3.1	Number Of Student Years Per Year On Jefferson Lab Related Research Or Technical Activities	1,075	20	
1.3.2	Number Of Advanced Degrees Per Year Based On Jefferson Lab Research	53	35	
1.3.3	Number Of Advanced Degrees Per Year Granted By Minority Universities And Based On Jefferson Lab Research	≥6	5	
1.3.4	Participation Of Students From Groups Traditionally Underrepresented In Physical Science And Engineering Fields	>35%	10	
Subtotal Production of Scientific and Technical Manpower				70
TOTAL OUTSTANDING SCIENCE AND TECHNOLOGY				720

2.0 Corporate Citizenship				
PM	Description	Goal	Point Value	Total
2.1 Public Outreach and Improved Scientific Literacy				
2.1.1	Key Indicator - Public Participation	90,000 person-hours	20	
2.1.2	Public Visibility (a) Number of Articles (b) Citations Mentioning DOE	900 100%	7 3	
2.1.3	Customer Satisfaction	100%	5	
Subtotal Public Outreach and Improved Scientific Literacy				35
2.2 Technology Transfer				
2.2.1	Key Indicator - Non-DOE investment in Jefferson Lab initiatives (including direct dollars, manpower costs, and contributions in-kind)	2.5% of JLab ops budget	20	

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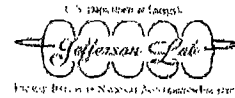


2.0 Corporate Citizenship				
2.2.2	Intellectual property generation as indicated by the annual number of (a) Patent applications (b) Patents awarded (c) License agreements	5 or 1 or 2	10	
2.2.3	Benefit to partners based on customer surveys	5.0	10	
Subtotal Technology Transfer				40
TOTAL CORPORATE CITIZENSHIP				75

3.0 Quality Performance in Environment, Health, and Safety				
PM	Description	Goal	Point Value	Total
3.1	Key Indicator - Total Recordable Case Rate (TRC)	≤0.9 per 100 person years	50	
3.2	Key Indicator - Days Away, Restricted or Transferred (DART) Case Rate	0.4 per 100 person years	50	
3.3	Key Indicator - Environmental Exceedances	To have no environmentally significant violations of permitted limits	20	
3.4	Reportable Radiation Exposures	Satisfactory ALARA program; no exposures >80% of ORPS SC3 threshold	6	
3.5	Hazardous Substance Exposures	No exposures above OSHA action level	6	
3.6	Affirmative Procurement	85% for FY score	8	
3.7	Peer Review of the Radiological Control Program - Even Years; or, Peer Review of Emergency Management Program - Odd Years	Appropriate program = 100	10	
TOTAL QUALITY PERFORMANCE IN ENVIRONMENT, HEALTH, AND SAFETY				150

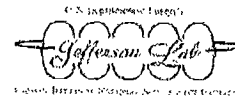
4.0 Quality of Business and Administrative Practices				
PM	Description	Goal	Point Value	Total
4.1	Key Indicator - Peer Review	100%	65	
Subtotal Peer Review				65
4.2	Facilities Management			
4.2.1	Asset Condition Index (ACI) defined as one (1) minus the ratio of Deferred Maintenance to Replacement Plant Value	≥ 98%	2	
4.2.2	% of Planned Facility Condition Assessments Completed	≥94%	2	
4.2.3	% of Indirect Projects Completed from the Planned Project List	≥94%	2	
Subtotal Facilities Management				6
4.3	Property Management & Protection			

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4.0 Quality of Business and Administrative Practices				
4.3.1	% of value of property located during the inventory cycle: Capital Property (Odd Years)	≥99%	2	
4.3.2	% of value of property located during the inventory cycle: Sensitive Property	≥99%	2	
Subtotal Property Management & Protection				4
4.4 Financial Management				
4.4.1	Number of CAS violations	0	1	
4.4.2	Dollar % of invoices deemed unallowable	≤1%	1	
4.4.3	% of vendor invoices paid with discounts lost	≤1%	1	
4.4.4	% of annual actual cost variance from budget for each overhead pool	≤3%	1	
4.4.5	Number of occurrences that resulted in the monthly Cost Management Report being resubmitted to Contracting Officer – DOE Site Office	0	1	
4.4.6	Number of audit errors in travel expense reports	≤2%	1	
Subtotal Financial Management				6
4.5 Procurement				
4.5.1	Average procurement cycle time	<10 days	3	
4.5.2	% of total available purchasing dollars awarded to:			
	Small Business concerns,	50%	SB 1	
	small Women-Owned business concerns, and	9.9%	WO 0.5	
	Small Disadvantage business concerns	15%	SD 0.5	
	Service-Disabled Veteran business concerns	3%	SDV 0.5	
	HubZone business concerns	3%	HZ 0.5	
Subtotal Procurement				6
4.6 Human Resources and Services				
4.6.1	% of action oriented diversity commitments as established in the Affirmative Action Plan	≥ 90%	1	
4.6.2	Representation of protected classes within each EEO-1 category	100% Maintained	1	
4.6.3	Sustainable EEOC charges	0 charges	1	
4.6.4	Compensation positions aligned with market practices	± 3% of market average	1	
4.6.5	% of 3-year rolling average of annual increases in premium cost relative to market	≥ 5% below market data	1	
Subtotal Human Resources and Services				5
4.7 Information Systems				
4.7.1	Cyber Security Review (5pts, held every 3 years, next one in '05)	>90%	5	
4.7.2	Performance on addressing identified cyber security vulnerabilities	100	5	
4.7.3	Number of times JLab computer systems were compromised or used to attack other systems	≤ 1	2	
4.7.4	% of current year's papers written by JLab staff or Users placed online	≥ 97%	1	
Subtotal Information Systems				13
TOTAL BUSINESS & ADMINISTRATIVE PRACTICES				105

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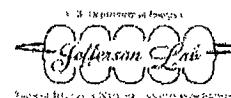


5.0 Responsible Institutional Management				
PM	Description	Goal	Point Value	Total
5.1	Key Indicator - Responsible Institutional Management Peer Review	100	100	
TOTAL RESPONSIBLE INSTITUTIONAL MANAGEMENT				100

6.0 Project Management				
PM	Description	Goal	Point Value	Total
6.1	Key Indicator - Schedule Performance SNS	≤ one month behind schedule	35	
6.2	Key Indicator - Schedule Performance on the CEBAF Center Addition	≤ one month behind schedule	10	
6.3	Cost Performance on the CEBAF Center Addition Project	≥ 15%	10	
6.4	% of Overrun on all Projects >\$100K	≤ 8%	3	
6.5	Variance of Scheduled Completion Time for Projects >\$100K	≤ 1.10	2	
6.6	Schedule Performance on the 12 GeV Upgrade Project	≤ one month behind schedule	10	
TOTAL PROJECT MANAGEMENT				70

Total Appendix B Score on Performance Measures	
TOTAL APPENDIX B SCORE	Total 1220

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1.0 Outstanding Science and Technology Overview

Objective: To produce outstanding science and technology, to achieve reliable performance of the accelerator and detectors at required specifications to ensure the scientific success of the Laboratory; and to contribute to the education and training of the future scientific/technical work force for the nation.

Key Indicator

1.1 Peer Review (450 points)

General Charge to the Peer Review Team: Using inputs from other science and technology program managers who sponsor significant work at Jefferson Lab and with cognizance of SURA representatives, the DOE Office of Nuclear Physics (SC-90) will issue the charge to the review team. The charge will be to evaluate the quality, productivity, and significance of Jefferson Lab's scientific and technical accomplishments, and the planned future contribution to the goals of the National Nuclear Physics Program, to assess the effectiveness of accelerator operations and the planning for future facility upgrades in support of the planned research program, to evaluate the effectiveness of management in implementing a balanced, prioritized and optimized program and to assess the quality and appropriateness of the laboratory's interactions with, and nurturing of, its scientific community. Other topics for inclusion in the charge would be considered as needed. Point distribution for the areas to be reviewed is included below. More detailed guidance may be developed based on special circumstances at the time of the review.

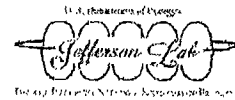
Nuclear Physics Science Program	250 points
User Community	30 points
Scientific & Technical Program Management	50 points
Nuclear Physics Facility Operations	70 points
Accelerator R&D	30 points
FEL (Applied Science & Technology)	20 points

Frequency and Duration: Annually, typically two days plus one day for report writing and closeout.

Review Team Composition: The Associate Director of SC-90 will charge the Division Director of the Facility and Project Management Division (SC-93) to conduct the Annual Science and Technology Review of the facility. The chairperson of the annual review will be the Program Manager for Medium Energy Physics in the Office of Nuclear Physics. The Division Director of SC-93 will work with the Program Manager for Medium Energy Physics to appoint a cross-cutting review team of internationally recognized scientists and engineers, in consultation with the Associate Director of SC-90 and other program managers who fund significant program activities at the Laboratory.

Consistent with the principles of the DOE/SURA partnership that are expressed in this contract, a representative selected by SURA will observe the deliberations of the review team and participate in panel discussions, including the executive sessions. This will assist SURA in performing its corporate oversight of the Laboratory.

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Conduct of the Review: The Division Director of SC-93, and the chairperson of the review, in consultation with Lab management and SURA, will develop an agenda for the review based on the charge to the review team. Each team member will be asked to submit individual reports to the chairperson following the review. The SC-93 Division Director will submit to the Associate Director of SC-90 an Office of Nuclear Physics S&T Review Report that provides assessment of the review based on the individual reports and that will include excerpts of the individual reports. The Associate Director of SC-90 will make the reports available to SURA and the Laboratory Director.

Secondary Indicators (270 points)

1.2 Reliable Experimental and Accelerator Operations (200 points)

- 1.2.1 Delivered physics research operations, as measured by the ratio of the number of hours the nuclear physics experimental program is progressing as planned (with simultaneous availability of the beams and the experimental equipment) to the number of hours planned for the year. (100 points)
- 1.2.2 Accelerator Downtime, as defined by the ratio of the time the accelerator is not able either to support the scheduled research program of at least one Hall or to carry out scheduled machine development to the time it is scheduled for use or machine development during that period. (40 points)
- 1.2.3 Experimental equipment availability, as measured by the ratio of the time the equipment is operational at its design specifications in a particular configuration to the time it is scheduled for use in that configuration. (20 points)
- 1.2.4 The effectiveness of the scheduling process, as determined by the time that was scheduled to have elapsed between the publication of a firm accelerator schedule and the experiment's scheduled start date divided by the actual time between publication of a firm accelerator schedule and the date an experiment begins taking data. (20 points)
- 1.2.5 Overall operations effectiveness, defined as the ratio of the total time the accelerator is operated for physics (in weeks) to the total accelerator operations (in weeks) that was identified as the goal for the year during negotiations of the laboratory's operations budget. (20 points)

1.3 Production of Scientific and Technical Manpower (70 points)

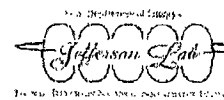
- 1.3.1 Number of student years per year on Jefferson Lab-related research or technical activities. (20 points)
- 1.3.2 Total number of advanced degrees per year based on Jefferson Lab research. (35 points)
- 1.3.3 Number of advanced degrees per year (represented by a three-year average) granted by minority universities and based on Jefferson Lab research. (5 points)

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- 1.3.4 Participation of students from groups traditionally underrepresented in physical science and engineering fields. (10 points)

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1.0 Outstanding Science and Technology Performance Evaluation Plan

1.1 Peer Review (450 points)

Introduction: It is widely accepted that while various numerical indicators can be useful as inputs, the overall scientific and technical quality of a research institution is best judged by peer review. Among the more reliable criteria on which the judgment of the Peer Review Team should be based are:

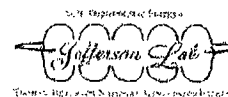
1. Quality of the research program as evidenced by seminal experimental or theoretical results.
2. Effectiveness of operations (including an assessment from users) in support of the research program.
3. Major experimental or technological innovations resulting from work at Jefferson Lab.
4. Citations of papers or articles based on research carried out at Jefferson Lab and invited presentations at major international conferences based on Jefferson Lab results.

Other criteria deemed to be relevant also will be examined.

Scoring: Based on the Office of Nuclear Physics S&T Report, individual reports of the team members, his/her own assessment, and following consultation with the SC-93 Division Director, the Program Manager for Medium Energy Physics and SURA, the Associate Director of the Office of Nuclear Physics will assign an adjectival rating to the performance of the laboratory in producing Outstanding Science and Technology. A percentage of Key Indicator points within the range associated with the assigned rating will be awarded in accordance with the following table.

Adjectival Rating	% of Assigned Points
Outstanding	90 to 100
Excellent	80 to < 90
Good	70 to < 80
Marginal	60 to < 70
Unsatisfactory (Poor)	50 to < 60
Unsatisfactory (Failing)	<50

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1.2 Reliable Experimental and Accelerator Operations (200 Points)

Performance in this area is measured quantitatively against performance goals set at the beginning of each evaluation period. These performance goals correspond to the maximum performance desirable in each area given anticipated technical and fiscal restraints for the year. Because some performance goals depend on the details of the beam schedule, which is not known until later in the year, numeric values for these goals cannot be stated at this time. In these cases, the formulae are given and parameters that are known are listed.

The annual performance goals are based on long-range "asymptotic" performance goals for each performance measure (PM), which have been set by a joint Laboratory-DOE team and which are reviewed annually by the team. These long-range goals, as well as the annual goals for the current year, are listed in Table 1.1. Reasons for setting current year goals below the long-range goals are discussed for each PM when appropriate. Since the goals for the Delivered Physics Research Operations metric and the Experimental Equipment Availability metric depend on what experiments are scheduled to run during the year, the FY05 goals for these metrics are not available at this time. They will be determined when the schedule of experiments planned for FY05 has been released.

Table 1.1 lists the five performance measures for reliable experimental and accelerator operations along with the corresponding goals—both long-range and for FY05.

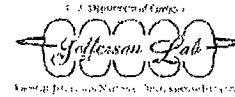
Table 1.1 Long Range Routine Operations Goals and Current Year Peak Performance Goals¹

Performance Measure	Indicator	Total Points Assigned	Description	Routine Operations Performance Goal	FY05 Performance Goal ²
1.2.1	Delivered Physics Research Operations	100	Hours of physics research operations for which both beam and experimental equipment are simultaneously available	100% of the research operations goal for the year (see appendix)	Calculate using the equation in Attachment 1 after the experiment schedule is released
1.2.2	Accelerator Downtime	40	Percent of the scheduled time for which the beam is not able to support the research program of at least one Hall or planned machine development	$\leq 15\%$	$\leq 15\%$
1.2.3	Experimental Equipment Availability	20	Percent of the scheduled time that the experimental equipment is operational	The average availability of the three previous fiscal years	Calculate using the equation in Attachment 1 after experiment schedule is released

¹ Performance Goals for each metric are precisely quantified based on specific formulae, definitions, and beam characteristics (Attachment 1).

² Current goals assume President's Budget for FY05.

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Performance Measure	Indicator	Total Points Assigned	Description	Routine Operations Performance Goal	FY05 Performance Goal ²
1.2.4	Effectiveness of the Scheduling Process	20	How closely an experiment actually starts taking data relative to the scheduled start date	100%	100%
1.2.5	Overall Operations Effectiveness	20	Percent of planned weeks of operations for physics that is delivered	100%	100% 30 weeks planned (may be modified based on budget)

1.2.1 Delivered Physics Research Operations (100 points)

This metric compares the number of delivered hours of physics research operations (time during which the experiments were progressing as planned, with both beam and experimental equipment simultaneously available as needed) to the number of hours that would be delivered if the goals for beam and experimental equipment availability, the multiplicity (average number of halls in simultaneous use), and the overall operations effectiveness (weeks of planned operations for physics) were all met. The formulae for calculating the metric are in Attachment 1.

Long-range, routine operations goal: In a year in which there are no significant enhancements to the accelerator capabilities and in which there are no major new elements of experimental equipment commissioned, the goal shall be 100% of the hours calculated using the standard formula below using the long-range routine operations goals outlined here for the various included parameters.

One-, Two-, and Three-Hall Accelerator Availability: the average values of the 1-, 2-, and 3-Hall accelerator availability for the three previous fiscal years.

Experimental Equipment Availability for Halls A, B, and C: the average values of the Experiment Equipment availability for each hall over the three previous fiscal years.

Multiplicity: the multiplicity defined by the released schedule. (Note: this will accurately reflect the scientific goals for the year, and will vary from year to year depending on the need for major new equipment installations and/or major experiment re-installations.)

Scheduled hours: the planned operations of the accelerator for nuclear physics research during the fiscal year as determined by 168 hours times the weeks of operation for physics identified in metric 1.2.5 below.

Adjustments for FY05 goal: The long-range routine operations goals above will be adjusted once the final schedule is released for the year so that it properly reflects realistic goals in view of the detailed demands placed on the accelerator and experimental equipment by the physics research program that is planned. The process is outlined in Attachment 1 to this document. Broadly, the goal for the year for accelerator availability will be set using the

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three year average for the availability that should be expected for the accelerator operation actually scheduled, and then adjusted for major new demands placed on the machine (higher beam energies, more stringent beam quality characteristics, etc.). Similarly the overall experimental equipment availability will be set using the running three year average, but adjusted for the reduced availability expected when major new apparatus is commissioned. Finally, the multiplicity will be set to the value actually scheduled and the overall scheduled hours will be set to the goal agreed upon for performance measure 1.2.5 below.

The goal for the year shall be 100% of the hours calculated using the current year's goals adjusted as outlined above (and described in detail below) following the final release of the operations schedule.

Scoring: The score for this metric is the ratio of delivered hours of physics research operations to the goal for delivered hours times 100%. Details of how both the delivered hours and the goal for delivered hours are calculated are provided in Attachment 1. Award assigned points as indicated below:

Performance Level	Adjectival Rating	% of Assigned Points
≥100% of PG	Outstanding	= 100
90% to 100% of PG	Outstanding	= (% of PG achieved)
80% to < 90% of PG	Excellent	
70% to < 80% of PG	Good	
60% to < 70% of PG	Marginal	
50% to < 60% of PG	Unsatisfactory (Poor)	= 2 * (% of PG achieved - 25%)
25% to < 50% of PG	Unsatisfactory (Failing)	
0% to < 25% of PG	Unsatisfactory (Failing)	
		= 0

1.2.2 Accelerator Downtime (40 points)

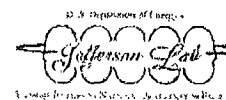
This metric compares the actual Accelerator Downtime to the FY05 goal for Accelerator Downtime. Downtime percent is the time during which the accelerator is not able to support either the research program of a least one Hall or machine development work compared to the time scheduled for physics running or machine development. Note that this metric is the complement of the "Average achieved operation time of the scientific user facilities" metric reported for all OS facilities (achieved operation time = 1.0 - downtime).

Long-range routine operations goal: ≤ 15%

FY05 goal: ≤ 15%

Scoring: The score for this metric is the ratio of the value of [1- Downtime] to the goal for [1-Downtime] times 100%. Details of the calculation are in Attachment 1. Award assigned points as indicated below:

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Performance Level	Adjectival Rating	% of Assigned Points
≥100% of [1-PG]	Outstanding	= 100
90% to 100% of [1-PG]	Outstanding	= % of [1-PG achieved]
80% to < 90% of [1-PG]	Excellent	
70% to < 80% of [1-PG]	Good	
60% to < 70% of [1-PG]	Marginal	
50% to < 60% of [1-PG]	Unsatisfactory (Poor)	= 2 * (% of [1-PG achieved] - 25%)
25% to < 50% of [1-PG]	Unsatisfactory (Failing)	
0% to < 25% of [1-PG]	Unsatisfactory (Failing)	= 0

1.2.3 Experimental Equipment Availability (20 points)

This metric compares the weighted average availability of experimental equipment in the halls during the year to the weighted average if the availability goal in each hall is met. Because the average is weighted by the scheduled hours of operation each hall, a value for the average availability cannot be set until the operations schedule is finalized later in the year.

The goal for the availability for the equipment in each hall will be adjusted annually to reflect both the average of the three preceding years and the anticipated loss of availability associated with the commissioning of major new apparatus planned for the year. The formulae for making this adjustment and for calculating the metric are provided in Attachment 1.

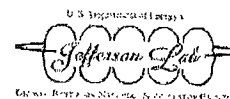
Long-range routine operations goal: Each hall shall operate with an availability at or above its average availability of the past three years of operations.

FY05 goal: The FY05 goals for individual halls will be determined after the experimental schedule is released as it is necessary to adjust the goal to reflect both the hours of operation in each hall and the major apparatus commissioning planned in each hall.

Scoring: The score for this metric is the ratio of actual average availability to the goal for average availability times 100%. Details of how both are calculated are provided in Attachment 1. Award assigned points as indicated below:

Performance Level	Adjectival Rating	% of Assigned Points
≥100% of PG	Outstanding	= 100
90% to 100% of PG	Outstanding	= (% of PG achieved)
80% to < 90% of PG	Excellent	
70% to < 80% of PG	Good	
60% to < 70% of PG	Marginal	
50% to < 60% of PG	Unsatisfactory (Poor)	

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Performance Level	Adjectival Rating	% of Assigned Points
25% to < 50% of PG	Unsatisfactory (Failing)	$= 2 * (\% \text{ of PG achieved} - 25\%)$
0% to < 25% of PG	Unsatisfactory (Failing)	$= 0$

1.2.4 Effectiveness of the Scheduling Process (20 points)

The effectiveness of the scheduling process is a measure of how closely the average start of experiments matches the scheduled start as given in the "firm" operations schedule. If all experiments started "on-time" as given by the "firm" schedule, the value of this metric would be 100%. Details of the calculation of this metric are provided in Attachment 1.

Long-range routine operations goal: 100%

FY05 goal: 100%

Scoring: The score for this metric is the ratio of actual scheduling effectiveness performance to the goal for scheduling effectiveness times 100%. Details of how both are calculated are provided in Attachment 1. Award assigned points as indicated below:

Performance Level	Adjectival Rating	% of Assigned Points
$\geq 100\%$ of PG	Outstanding	$= 100$
90% to 100% of PG	Outstanding	$= (\% \text{ of PG achieved})$
80% to < 90% of PG	Excellent	
70% to < 80% of PG	Good	
60% to < 70% of PG	Marginal	
50% to < 60% of PG	Unsatisfactory (Poor)	$= 2 * (\% \text{ of PG achieved} - 25\%)$
25% to < 50% of PG	Unsatisfactory (Failing)	
0% to < 25% of PG	Unsatisfactory (Failing)	$= 0$

1.2.5 Overall Operations Effectiveness (20 points)

This metric is the ratio of total time the accelerator is operating for physics to the operating time set in the annual negotiation of the Lab's operations budget.

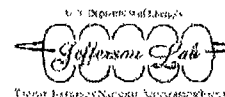
Long-range routine operations goal: 100% of goal for physics operating time which is set annually during negotiation of the Laboratory's operations budget.

FY05 goal: For this metric the FY05 goal and the long range routine operations goal are identical – both are determined from the negotiation of the Laboratory's operations budget.

Scoring: The score for this metric is the weeks the accelerator is running for physics divided by the goal times 100%. Award assigned points as indicated below:

Performance Level	Adjectival Rating	% of Assigned Points
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Performance Level	Adjectival Rating	% of Assigned Points
≥100% of PG	Outstanding	= 100
90% to 100% of PG	Outstanding	= (% of PG achieved)
80% to < 90% of PG	Excellent	
70% to < 80% of PG	Good	
60% to < 70% of PG	Marginal	
50% to < 60% of PG	Unsatisfactory (Poor)	= 2 * (% of PG achieved - 25%)
25% to < 50% of PG	Unsatisfactory (Failing)	
0% to < 25% of PG	Unsatisfactory (Failing)	= 0

1.3 Production of Scientific and Technical Manpower (70 points)

1.3.1 Number of student years per year on Jefferson Lab-related research or technical activities. (20 points)

The data collection process involves two major components: the administration of a Jefferson Lab Users Group Survey and a cross-check against the University Relations student list. Surveys are sent to the complete Users Group. An initial response rate of 10-20% of the group of active users is considered reasonable. An estimate of the full population is made by comparing the number of students reported with the known list of active student users. The best estimates for student research years will be obtained by supplementing the actual student numbers from the initial survey respondents with the expected number of unreported students based on a comparison between the number of identified active students and the number of students reported in the Users Group Survey.

Scoring: Tally the number for each high school, undergraduate, and graduate student involved in Jefferson Lab-related research or technical activities (including computing) at Jefferson Lab and collaborating institutions and apply the following equation:

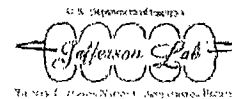
$$\text{WSII (Weighted Student Involvement Index)} = 1\text{HSS} + 2\text{UGS} + 4\text{GS}$$

where HSS = High School Students, UGS = Undergraduate Students, and GS = Graduate Students

Performance Level	Adjectival Rating	% of Assigned Points
WSII ≥ 1000 to <1075 ¹	Outstanding	90 to 100
WSII ≥ 925 and <1000	Excellent	80 to < 90
WSII ≥ 850 and < 925	Good	70 to < 80
WSII ≥ 775 and <850	Marginal	60 to < 70
WSII < 775	Unsatisfactory	<60

¹ Performance level greater than 1075 receives 100% of assigned points.

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1.3.2 Total number of advanced degrees per year based on Jefferson Lab research. (35 points)

To estimate the total number of advanced degrees, initially reported and known degrees are supplemented with the expected numbers of unreported degrees based on the number of unreported students and the base of the reported students obtaining such degrees.

Scoring: Tally the number of Master's degrees and PhDs awarded for research based at Jefferson Lab or involving strong interaction with Jefferson Lab and apply the following equation:

$$CD \text{ (Composite Degrees)} = MD + 3PHD$$

where MD = Number of awarded Master's degrees and PHD = Number of awarded PhDs

Performance Level	Adjectival Rating	% of Assigned Points
$CD \geq 45$ and $< 53^1$	Outstanding	90 to 100
$CD \geq 38$ and < 45	Excellent	80 to < 90
$CD \geq 30$ and < 38	Good	70 to < 80
$CD \geq 23$ and < 30	Marginal	60 to < 70
$CD < 23$	Unsatisfactory	< 60
¹ Performance level greater than 53 receives 100% of assigned points.		

1.3.3 Number of advanced degrees per year (represented by a three-year average) granted by minority universities based on Jefferson Lab research. (5 points)

Degrees awarded by minority institutions are collected directly. Participation by underrepresented populations are based on the percentages from the initial survey data. Because statistical analysis of small numbers can result in large percentage variations from year to year, a more accurate assessment can be reached by reporting the average over the past three years.

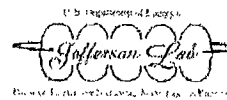
Scoring: See 1.3.2 scoring scheme, but count degrees granted by minority institutions only (HBCU, MEI, women's colleges) for the past three years, and apply the following equation:

$$CDM \text{ (Composite Degrees Minority)} = (MD_y + MD_{y-1} + MD_{y-2} + 3(PHD_y + PHD_{y-1} + PHD_{y-2}))/3$$

where MD = Number of awarded Master's degrees and PHD = Number of awarded PhDs and y is the current year.

Performance Level	Adjectival Rating	% of Assigned Points
$CMD \geq 6$	Outstanding	100
$CMD \geq 4$ and < 6	Excellent	85

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Performance Level	Adjectival Rating	% of Assigned Points
$CMD \geq 2$ and < 4	Good	75
$CMD = 1$	Marginal	65
$CMD = 0$	Unsatisfactory	55

1.3.4 Participation of students from groups traditionally underrepresented in physical science and engineering fields. (10 points)

Scoring: Determine the percent of students at all levels participating in Jefferson Lab based research and technical activities who are women or underrepresented minorities.

$$\text{Participation} = P = \left[\frac{\text{Number of research students who are female, African American, Hispanic, or Native American}}{\text{Total number of research students}} \right]$$

Students who qualify for more than one category can be counted more than once. In order to correct for this bias, each match will be treated as a distinct individual, thereby ensuring that whatever number is added to the numerator also will be added to the denominator.

Performance Level	Adjectival Rating	% of Assigned Points ¹
30% to $< 35\%$ ²	Outstanding	90 to 100
25% to $< 30\%$	Excellent	80 to < 90
20% to $< 25\%$	Good	70 to < 80
15% to $< 20\%$	Marginal	60 to < 70
10% to $< 15\%$	Unsatisfactory (Poor)	50 to < 60
0% to $< 10\%$	Unsatisfactory (Failing)	0 to < 50

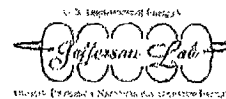
¹ Percent of assigned points identified in the table can be calculated directly by the following formulas:

% of points = $30 + 200P$ for $P \geq .1$

% of points = $500P$ for $P < .1$

² Performance level greater than 35% receives 100% of assigned points.

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2.0 Corporate Citizenship Overview

Objective: As a taxpayer-funded institution, Jefferson Lab should serve the public and the national interest in important areas where it has special competencies which are mission related.

2.1 Public Outreach and Improved Scientific Literacy (35 points)

Objective: Scientific literacy and support are essential for the public to make competent decisions on everyday matters of increasingly complex technical nature. Science and math education are important for today's students if they are to complete high school prepared for college or a worthwhile career. As a workplace where science and math are in the forefront, Jefferson Lab can provide unique educational and motivational opportunities and materials. Public awareness of Jefferson Lab and its DOE-sponsorship is also essential for the future well being of the laboratory and the national science enterprise.

Key Indicator (20 points)

2.1.1 Public participation (in effective person-hours per year): (Number of student hours + number of public hours + 10 * number of teacher hours) per year, including visits, external public talks, science series, tours, open house, BEAMS, etc.

Secondary Indicators (15 points)

2.1.2 Public visibility: Number of newspaper and magazine articles, Web-based news systems, and radio and television programs mentioning Jefferson Lab and its science or technology (7 points); percentage of these citations mentioning DOE (3 points). (10 points total)

2.1.3 "Customer satisfaction" (5 points)

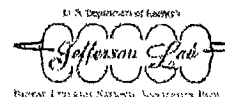
2.2 Technology Transfer (40 points)

Objective: The objective of the Jefferson Lab technology transfer program is the dissemination to industry of key technologies that are developed as the result of Jefferson Lab's primary scientific mission and that are of interest to industry.

Key Indicator (20 points)

2.2.1 Non-DOE investment in Jefferson Lab initiatives (including direct dollars, manpower costs, and contributions in-kind). (20 points)

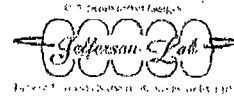
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Secondary Indicators (20 points)

- 2.2.2 Intellectual property generation as indicated by the annual number of (a) patent applications, (b) patents awarded, (c) license agreements. (10 points)
- 2.2.3 Benefit to partners based on the results of a mutually agreed customer survey where the customer indicates level of satisfaction on a 1 (lowest) to 5 (highest) scale. (10 points)

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2.0 Corporate Citizenship Performance Evaluation Plan

2.1 Public Outreach and Improved Scientific Literacy (35 points)

Introduction: Jefferson Lab's effect on public awareness and literacy is strongest when people have direct personal contact with laboratory personnel and facilities. The typical minimum time to influence a person's awareness and literacy of things that are outside his/her area of expertise is about an hour, and significant learning can occur in this period. Teachers learn not just for themselves but to pass on information and concepts to their students. Typical teachers contact 25-100 students per year, but the literacy transfer to the students is likely to be lower than it would be if the students participated in the Jefferson Lab experience directly. Consequently, the multiplier 10 for teacher participation is a conservative adjustment for the true outreach/literacy impact.

- 2.1.1 Public participation (in effective person-hours per year): [Number of student hours + number of public hours + 10 * number of teacher hours] per year, including visits, external public talks, science series, tours, open house, BEAMS, etc. (20 points)

Scoring: Count or estimate the number (N_i) of participants or attendees in each event (i). Measure the duration (t_i) in hours of the activity, event, or the typical person's involvement. People counted under Scientific Manpower do not count here; high school students doing research do not count.

Calculate the public participation metric (P)

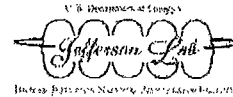
$$P = \sum_i N_i t_i \quad \text{for all events}$$

Peak Performance Goal (PPG): Good faith efforts will be made to ensure N_i is accurate within 10%; t_i will be measured to the nearest half hour. For FY05 Jefferson Lab's Peak Performance Goal (PPG) will be:

90,000 person-hours broken down as:

- Science and Education – (students, teachers, parents) = 86,000
- Public Outreach = 4,000

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Performance Level	Adjectival Rating	% of Assigned Points ¹
90% to 100% of PPG	Outstanding	90 to 100
80% to < 90% of PPG	Excellent	80 to < 90
70% to < 80% of PPG	Good	70 to < 80
60% to < 70% of PPG	Marginal	60 to < 70
50% to < 60% of PPG	Unsatisfactory (Poor)	50 to < 60
0% to < 50% of PPG	Unsatisfactory (Failing)	0 to < 50

¹ In each adjectival category, points are assigned by linear interpolation between the ranges listed.

- 2.1.2 (a) Public Visibility: Number of newspaper and magazine articles, Web-based news systems, and radio and television programs mentioning Jefferson Lab and its science or technology (7 points);
- (b) Percentage of these citations mentioning DOE (3 points). (10 points total)

(a) *Public Visibility (7 points)*

Scoring:

$$V = \sum W_i \quad W_i = C_i + D_i \quad i = \text{each article, radio or TV appearance}$$

Circulation Weighting Factors (C _i)	Distribution Factor (D _i)
<10,000	1 Local inside SE Virginia 0
10,000-50,000	2 Local outside SE Virginia +1
50,000-250,000	3 Regional +1
>250,000	4 National +2
	International +3

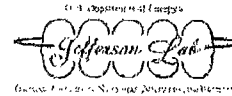
Regional is defined as Washington DC, Maryland, West Virginia, Tennessee and North Carolina.

The number counted will be less than or equal to the number occurring, because we would not necessarily be aware of all coverage. If one article is repeated in many publications, add the audience circulation factor and the distribution factors for each. Each article in a series of articles will be counted individually.

Peak Performance Goal (PPG): For FY05 Jefferson Lab's Peak Performance Goal will be 900. Scoring will be determined using the values in the following table.

Performance Level	Adjectival Rating	% of Assigned Points ¹
90% to 100% of PPG	Outstanding	90 to 100
80% to < 90% of PPG	Excellent	80 to < 90
70% to < 80% of PPG	Good	70 to < 80
60% to < 70% of PPG	Marginal	60 to < 70
50% to < 60% of PPG	Unsatisfactory (Poor)	50 to < 60

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Performance Level	Adjectival Rating	% of Assigned Points ¹
0% to < 50% of PPG	Unsatisfactory (Failing)	0 to < 50
¹ In each adjectival category, points are assigned by linear interpolation between the ranges listed.		

(b) DOE Citation (3 points)

Percent mentioning DOE: Count the articles, broadcasts, exhibits, interviews and videos (A) initiated by Jefferson Lab which feature the Laboratory and the subset (S) of those communications in which the Laboratory mentions DOE. In the case where the Laboratory mentions "DOE" in a proposed article or broadcast and the final version is revised or altered by the media, the Laboratory will receive credit for the article or broadcast since the Laboratory has no control over the final version. Percent = 100 S/A. The score is as follows:

Performance Level	Adjectival Rating	% of Assigned Points
90% to 100%	Outstanding	90 to 100
80% to < 90%	Excellent	80 to < 90
70% to < 80%	Good	70 to < 80
60% to < 70%	Marginal	60 to < 70
50% to < 60%	Unsatisfactory (Poor)	50 to < 60
0% to < 50%	Unsatisfactory (Failing)	0 to < 50
¹ In each adjectival category, points are assigned by linear interpolation between the ranges listed.		

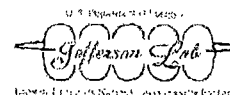
2.1.3 Customer Satisfaction. (5 points)

Scoring: Collect feedback from customers (overall ratings) for selected events and activities (to be determined by the laboratory and the DOE Site Office), using a 5-point Likert Scale. For public participation events, at least 15% of the total number of participants will be surveyed. This fraction should be representative of a reasonable cross section of all such public events. For education events, at least 80% of the participants will be surveyed.

Each customer indicates a level of satisfaction on a 1 (lowest) to 5 (highest) scale for each event. After each event, an average (A_n) is calculated. The average of all events (A_1, A_2, A_3, \dots) is averaged resulting in one overall average (A)

Performance Level (A)	Adjectival Rating	% of Assigned Points ¹
$4.2 < A \leq 5.0$	Outstanding	90 to 100
$3.4 < A \leq 4.2$	Excellent	80 to < 90
$2.6 < A \leq 3.4$	Good	70 to < 80
$1.8 < A \leq 2.6$	Marginal	60 to < 70
$1.0 < A \leq 1.8$	Unsatisfactory (Poor)	50 to < 60

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Performance Level (A)	Adjectival Rating	% of Assigned Points ¹
A ≤ 1.0	Unsatisfactory (Failing)	0 to < 50
¹ In each adjectival category, points are assigned by linear interpolation between the ranges listed.		

2.2 Technology Transfer (40 points)

2.2.1 Non-DOE investment in Jefferson Lab initiatives (including direct dollars, manpower costs, and contributions in-kind) (20 points)

Scoring: $I = 100\% \times \text{non-DOE investment} / \text{JLab Operations Budget}$

Performance Level (I)	Adjectival Rating	Assigned Points ¹
2% to 2.5% operations budget	Outstanding	18 to 20
1.5% to < 2%	Excellent	16 to < 18
1% to < 1.5%	Good	14 to < 16
0.5% to < 1%	Marginal	12 to < 14
0.25% to < 0.5%	Unsatisfactory (Poor)	10 to < 12
< 0.25%	Unsatisfactory (Failing)	0 to < 10
¹ In each adjectival category, points are assigned by linear interpolation between the ranges listed.		
² Performance level greater than 2.5% receives 20 points.		

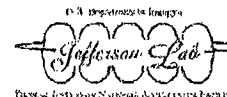
2.2.2 Intellectual property generation as indicated by the annual number of (10 points):

- (a) patent applications
- (b) patents awarded
- (c) license agreements

Scoring:

Performance Level	Adjectival Rating	Assigned Points
Two licenses granted or one patent award or 5 or more patent applications executed	Outstanding	10
4 patent applications executed	Excellent	8
3 patent applications executed	Good	6
2 patent applications executed	Marginal	4
1 patent application executed	Unsatisfactory (Poor)	2
0 patent application executed	Unsatisfactory (Failing)	0

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- 2.2.3 Benefit to partners based on the results of a mutually agreed customer survey where the customer indicates level of satisfaction on a 1 (lowest) to 5 (highest) scale. (10 points)

Scoring:

Performance Level (Average Rating on Customer Survey)	Adjectival Rating	% of Assigned Points ¹
4.0 to 5.0	Outstanding	90 to 100
3.5 to < 4.0	Excellent	80 to < 90
3.0 to < 3.5	Good	70 to < 80
2.5 to < 3.0	Marginal	60 to < 70
2.0 to < 2.5	Unsatisfactory (Poor)	50 to < 60
0.0 to < 2.0	Unsatisfactory (Failing)	0 to < 50

¹ In each adjectival category, points are assigned by linear interpolation between the ranges listed.

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3.0 Quality Performance in Environment, Health, and Safety Overview

Objective: Protection of workers, the public and the environment, adherence to the ALARA concept, and compliance with laws, regulations, statutory requirements, and appropriate national initiatives (recycling, waste reduction, etc.) at lowest reasonable cost.

Key Indicators (120 Points)

- 3.1 Jefferson Lab total recordable case rate (cases per 100 person years worked). (50 points)
- 3.2 Jefferson Lab DART (Days Away, Restricted or Transferred) rate (cases per 100 person years worked). (50 points)
- 3.3 Jefferson Lab environmental exceedences per fiscal year. (20 points)

Secondary Indicators (30 points)

- 3.4 Number of reportable and recordable exposures to radiation as Significance Category 3 (SC3) occurrences, plus 5 times this number for SC2 occurrences. (6 points)
- 3.5 Number of reportable and recordable exposures to hazardous substances as SC3 occurrences, plus 5 times this number for SC2 occurrences. (6 points)
- 3.6 Affirmative Procurement score for fiscal year. (8 points)
- 3.7 Peer review of Emergency Management Program in odd-numbered fiscal years, and of Radiation Control Program in even-numbered fiscal years. (10 points)

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3.0 Quality Performance in Environment, Health, and Safety Performance Evaluation Plan

3.1 Jefferson Lab total recordable case (TRC) rate (cases per 100 person years worked). (50 points)

Goal: To achieve a performance level which exceeds the Lab TRC target (1.1 in FY05).

Qualifiers:

- Comprises all SURA/Jefferson Lab staff, nuclear physics users, and contractors (except major construction project contractors)
- Includes official travel
- Includes personnel paid under joint salary arrangements

Data collection: EH&S Reporting within the Office of Assessment

Data evaluation: EH&S Reporting within the Office of Assessment

Performance measure custodian: EH&S Reporting within the Office of Assessment

Performance measurement validation: Relevant information is presently collected.

Scoring: Based on the actual TRC rate achieved:

Performance Level	Adjectival Rating	% of Assigned Points
≤1.0	Outstanding	100
>1.0 to ≤1.3	Excellent	80 to <90
>1.3 to ≤1.8	Good	70 to <80
>1.8 to ≤2.4	Marginal	60 to <70
>2.4 to ≤3.0	Unsatisfactory (Poor)	50 to <60
>3	Unsatisfactory (Failing)	0 to <50
¹ In each adjectival category, points are assigned by linear interpolation between the ranges listed.		

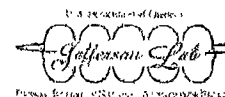
3.2 Jefferson Lab DART (Days Away, Restricted or Transferred) rate (cases per 100 person years worked). (50 points)

Goal: To achieve a performance level which exceeds the Lab DART target (0.5 in FY05).

Qualifiers:

- Comprises all SURA/Jefferson Lab staff, nuclear physics users, and contractors (except major construction project contractors)
- Includes official travel
- Includes personnel paid under joint salary arrangements

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Data collection: EH&S Reporting within the Office of Assessment

Data evaluation: EH&S Reporting within the Office of Assessment

Performance measure custodian: EH&S Reporting within the Office of Assessment

Performance measurement validation: Relevant information is presently collected.

Scoring: Based on the actual DART rate achieved:

Performance Level	Adjectival Rating	% of Assigned Points ¹
≤0.4	Outstanding	100
>0.4 to ≤0.8	Excellent	80 to <90
>0.8 to ≤1.0	Good	70 to <80
>1.0 to ≤1.2	Marginal	60 to <70
>1.2 to ≤1.6	Unsatisfactory (Poor)	50 to <60
>1.6	Unsatisfactory (Failing)	0 to <50
¹ In each adjectival category, points are assigned by linear interpolation between the ranges listed.		

3.3 Jefferson Lab environmental exceedances per fiscal year. (20 points)

Goal: To have no environmentally significant violations and to strive to minimize purely administrative violations.

Qualifiers:

- Violation points for multiple related concurrent violations will be treated as a single violation
- The scoring system for environmental exceedances in this performance measure closely parallels that of the Hampton Roads Sanitation District.

Data collection: EH&S Reporting within the Office of Assessment

Data evaluation: EH&S Reporting within the Office of Assessment

Performance measure custodian: EH&S Reporting within the Office of Assessment

Performance measurement validation: Relevant information is presently collected.

Scoring:

Values assigned as follows:

- A ".1" environmental exceedance for a purely administrative violation.
- A ".3" environmental exceedance for an environmentally significant violation that results in no long-term (typically less than 30 days) environmental damage.
- A "1.0" environmental exceedance for a violation that has a significant environmental impact of ≥ 30 days.

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Performance Level	Adjectival Rating	% of Assigned Points ¹
0.1 to 0	Outstanding	90 to 100
0.2 to 0.3	Excellent	80 to <90
0.4 to 0.7	Good	70 to <80
0.8 to 1.0	Marginal	60 to <70
1.1 to 1.5	Unsatisfactory (Poor)	50 to <60
1.6 to 3.0	Unsatisfactory (Failing)	0 to <50
¹ In each adjectival category points are assigned by linear interpolation between ranges listed.		

3.4 Number of reportable and recordable exposures to radiation as ORPS SC3 occurrences, plus 5 times this number for ORPS SC2 occurrences. (6 points)

Goal: To have a satisfactory ALARA program, with no exposures > 80% of the ORPS SC3 threshold.

Qualifiers:

- Includes everyone on site (including adjacent space leased by SURA and those personnel covered by the Jefferson Lab radiation dosimetry program)
- Only the worst exposure is counted in an event involving radiation exposure
- Excludes exposures pre-approved in accordance with the 10 CFR835
- ORPS thresholds are as defined in DOE Manual 231.1-2, dated 8/19/03

Data collection: Radiation Control reports the information to EH&S Reporting within the Office of Assessment

Data evaluation: EH&S Reporting within the Office of Assessment

Performance measure custodian: EH&S Reporting within the Office of Assessment

Performance measurement validation: Relevant information is presently collected

Scoring: Based directly on exposures and program evaluation. Values assigned as follows:

- 0.00 for ALARA program rated better than satisfactory in the most recent internal evaluation (performed by the RadCon Manager during the preceding 12 months)
- 0.01 for ALARA program rated satisfactory in the most recent internal evaluation
- 0.1 for ALARA program rated less than adequate in the most recent internal evaluation
- 0.5 for an event in which the worst whole body exposure is above 80% but below 100% of the ORPS SC3 threshold
- 1.0 for an event in which the worst whole body exposure is above the ORPS SC3 threshold but below the SC2 threshold
- 5.0 for an event in which the worst whole body exposure is above the ORPS SC2 or higher threshold

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. A299		3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHASE REQ. NO.	1 4	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE	7. ADMINISTERED BY (If other than item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005			(X)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) Increase of \$5,623,000					
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE FOLLOWING PAGES					

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James A. Turi</i> (Signature of Contracting Officer)	16C. DATE SIGNED 12/14/04
(Signature of person authorized to sign)			

Contract No. DE-AC05-84ER40150

Modification No. A299

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1. The amount under this contract is increased by \$5,623,000.00 from \$1,422,442,850.77 to \$1,428,065,850.77.
As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	500,000.00	2,650,000.00	183,844,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	2,500,000.00	9,515,000.00	510,053,777.00
WA	KB0102011 (AIP)	200,000.00	400,000.00	9,663,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	1,400,000.00	5,700,000.00	118,641,059.00
WA	KB0102012 (EQU)	500,000.00	1,076,951.00	39,183,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	100,000.00	425,000.00	10,491,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	10,000.00	467,000.00	2,192,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	56,000.00	511,626.00
WA	FS1002000 (GPP)	20,000.00	80,000.00	80,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	65,000.00	165,000.00	1,088,000.00
WA	FS1005100	0.00	0.00	0.00

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	100,000.00	150,000.00	2,508,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I11J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	228,000.00	728,000.00	728,000.00
TOTAL		\$ 5,623,000.00	\$22,875,308.07	\$1,428,065,850.77

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. A300		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)	9A. AMENDMENT OF SOLICITATION NO.
					9B. DATED (SEE ITEM 11)
				X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
					10B. DATED (SEE ITEM 11) August 3, 1984
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

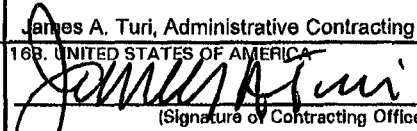
Increase of \$2,815,533.98

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 1/11/05

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1. The amount under this contract is increased by \$2,815,533.98 from \$1,428,065,850.77 to \$1,430,881,384.75.

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	2,650,000.00	183,844,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	9,515,000.00	510,053,777.00
WA	KB0102011 (AIP)	0.00	400,000.00	9,663,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	0.00	5,700,000.00	118,641,059.00
WA	KB0102012 (EQU)	0.00	1,076,951.00	39,183,449.00
WA	KB0102012 (EQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	425,000.00	10,491,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	2,815,533.98	2,815,533.98	2,815,533.98
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	467,000.00	2,192,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	56,000.00	511,626.00
WA	FS1002000 (GPP)	0.00	80,000.00	80,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	165,000.00	1,088,000.00

Received Time Feb. 1. 3:21PM

Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	150,000.00	2,508,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	728,000.00	728,000.00
TOTAL		\$ 2,815,533.98	\$25,690,842.05	\$1,430,881,384.75

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 4 PAGES
2. AMENDMENT/MODIFICATION NO. A301		3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE	7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005			(X)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$1,941,747.57

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James A. Turi</i> (Signature of Contracting Officer)	16C. DATE SIGNED 1/12/05
(Signature of person authorized to sign)			

Contract No. DE-AC05-84ER40150

Modification No. A301

Page 2 of 4

1. The amount under this contract is increased by \$1,941,747.57 from \$1,430,881,384.75 to \$1,432,823,132.32.

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	2,650,000.00	183,844,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	9,515,000.00	510,053,777.00
WA	KB0102011 (AIP)	0.00	400,000.00	9,663,000.00
WA	KB0102011 (GPP)	0.00	0.00	7,924,000.00
WA	KB0102012	0.00	5,700,000.00	118,641,059.00
WA	KB0102012 (EQU)	0.00	1,076,951.00	39,183,449.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	700,000.00	700,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	425,000.00	10,491,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	1,941,747.57	1,941,747.57	1,941,747.57
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60

Contract No. DE-AC05-84ER40150

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	467,000.00	2,192,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	56,000.00	511,626.00
WA	FS1002000 (GPP)	0.00	80,000.00	80,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00

Contract No. DE-AC05-84ER40150

Modification No. A301

Page 4 of 4

Fund Type	B&R Code	Change	FY05	To Date
WA	FS1005000	0.00	165,000.00	1,088,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	25,000.00	268,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
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WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	722,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
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TF	KP1104010	0.00	0.00	13,000.00
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WA	KP1402010	0.00	0.00	175,600.00
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WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
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YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
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YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK44000000101)	0.00	728,000.00	728,000.00
TOTAL		\$ 1,941,747.57	\$27,632,589.62	\$1,432,823,132.32

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1

5

2. AMENDMENT/MODIFICATION NO.

A302

3. EFFECTIVE DATE

See Blk 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

U. S. Department of Energy

TJNAF Site Office

12000 Jefferson Avenue

Newport News, VA 23606

7. ADMINISTERED BY (If other than Item 6)

CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Southeastern Universities Research Association, Inc.

1201 New York Avenue, NW

Suite 430

Washington, D.C. 20005

(X)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC05-84ER40150

10B. DATED (SEE ITEM 11)

X

CODE

FACILITY CODE

August 3, 1984

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;

or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$66,716,049.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		<i>James W. Skinner</i> (Signature of Contracting Officer)	1/24/05

Contract No. DE-AC05-84ER40150

Modification No. A302

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1. The amount under this contract is increased by \$66,716,049.00 from \$1,432,823,132.32 to \$1,499,539,181.32.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	2,586,000.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	39,261,000.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	800,000.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	800,000.00	800,000.00	8,724,000.00
WA	KB0102012	14,920,000.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	5,023,049.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	800,000.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	1,289,000.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57

Contract No. DE-AC05-84ER40150

Modification No. A302

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	42,000.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	84,000.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	220,000.00	300,000.00	300,000.00

Received Time Feb. 1. 3:21PM

Contract No. DE-AC05-84ER40150

Modification No. A302

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	288,000.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	47,000.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	99,000.00	99,000.00	821,350.00
WA	KL0103000 (PST)	37,000.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	320,000.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00

Contract No. DE-AC05-84ER40150

Modification No. A302

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<u>Fund Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY05</u>	<u>To Date</u>
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	100,000.00	828,000.00	828,000.00
	TOTAL	<u>\$ 66,716,049.00</u>	<u>\$94,348,638.62</u>	<u>\$1,499,539,181.32</u>

Received Time Feb. 1. 3:21PM

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. M303	3. EFFECTIVE DATE 1-31-05	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, DC 20005		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
			10B. DATED (SEE ITEM 11) August 3, 1984
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause I.100 DEAR 970.5204-78 Laws, Regulations and DOE Directives (June 1997)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) TERRY DRAAYEB, PRESIDENT, SURA	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer
15B. CONTRACTING OFFICER <i>Terry Draayeb</i> (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)
15C. DATE SIGNED 2/17/05	16C. DATE SIGNED 2/17/05

Contract No. DE-AC05-84ER40150

Modification M303

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1. The purpose of this modification is to add DOE Order 205.12 entitled "CLEARING, SANITIZING, AND DESTROYING INFORMATION SYSTEM STORAGE MEDIA, MEMORY DEVICES AND OTHER RELATED HARDWARE" to List B of Appendix E of subject contract.
2. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 2 PAGES	
2. AMENDMENT/MODIFICATION NO. M304		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (if applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (if other than item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, DC 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

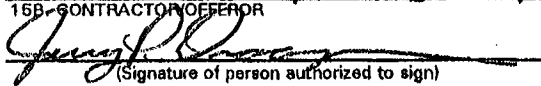

N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103(a)(3)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) JERRY DRAVEB, PRESIDENT, SUPRA		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTING OFFICER  (Signature of person authorized to sign)	15C. DATE SIGNED 2/17/05	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 2/17/05

Received Time Mar. 9. 10:46AM

Contract No. DE-AC05-84ER40150
Modification M304
Page 2 of 2

1. The purpose of this modification is to:
 - a. Revise Section G of the contract in its entirety (copy attached).
 - b. Revise Appendix F of the contract in its entirety (copy attached).
 - c. Revise Appendix H of the contract in its entirety (copy attached).
2. All other terms and conditions remain the same.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 5 PAGES
2. AMENDMENT/MODIFICATION NO. A305	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X) 9A. AMENDMENT OF SOLICITATION NO.	
		9B. DATED (SEE ITEM 11)	
		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
		10B. DATED (SEE ITEM 11) August 3, 1984	
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$1,333,123.30

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)
	16C. DATE SIGNED 2/17/05

Received Time Mar. 9. 10:46AM

Contract No. DE-AC05-84ER40150

Modification No. A305

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1. The amount under this contract is increased by \$1,333,123.30 from \$1,499,539,181.32 to \$1,500,872,304.62.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	1,159,223.30	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Contract No. DE-AC05-84ER40150

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	75,358.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	177,000.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00

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Contract No. DE-AC05-84ER40150

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<u>Fund Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY05</u>	<u>To Date</u>
YZ	YN1901000 (TSK4400000101)	59,000.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	114,000.00	114,000.00	114,000.00
TOTAL		\$ 1,333,123.30	\$95,681,761.92	\$1,500,872,304.62

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. A308		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Energy AF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

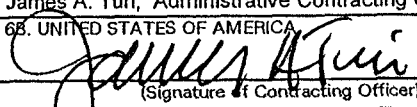
Increase of \$13,304.00

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
CONTRACTOR/OFFEROR (Signature of person authorized to sign)		James A. Turi, Administrative Contracting Officer	
		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED 3/31/05	

The amount under this contract is increased by \$13,304.00 from \$1,501,507,080.43 to \$1,501,520,384.43.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
A	39KB00000 (87R203)	0.00	0.00	312,939,618.00
A	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Fund Type	B&R Code	Change	FY05	To Date
T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	(84.00)	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	(1,612.00)	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
IA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
IA	EW09MM090	0.00	0.00	50,000.00
IA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00

Fund Type	B&R Code	Change	FY05	To Date
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	15,000.00	15,000.00	15,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
YA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00

<u>Fund Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY05</u>	<u>To Date</u>
Z	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		<u>\$ 13,304.00</u>	<u>\$96,329,841.73</u>	<u>\$1,501,520,384.43</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 5 PAGES
2. AMENDMENT/MODIFICATION NO. A307		3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005			(X)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$396,516.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**
SEE FOLLOWING PAGES

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turl, Administrative Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 3/4/05

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1. The amount under this contract is increased by \$396,516.00 from \$1,501,110,564.43 to \$1,501,507,080.43.
As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	70,000.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	326,516.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,328.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	115,000.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00

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WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150111J)	0.00	0.00	3,505.00

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<u>Fund Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY05</u>	<u>To Date</u>
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		<u>\$ 396,516.00</u>	<u>\$96,316,537.73</u>	<u>\$1,501,507,080.43</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. A308		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Energy AF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
				X		9B. DATED (SEE ITEM 11)	
						10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$13,304.00


**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
CONTRACTOR/OFFEROR (Signature of person authorized to sign)		James A. Turi, Administrative Contracting Officer	
		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED 3/31/05	

The amount under this contract is increased by \$13,304.00 from \$1,501,507,080.43 to \$1,501,520,384.43.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
A	39KB00000 (87R203)	0.00	0.00	312,939,618.00
A	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Fund Type	B&R Code	Change	FY05	To Date
T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
	650102000 (AGR94-001)	0.00	0.00	20,000.00
	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	(84.00)	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	(1,612.00)	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
IA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
	EW09MM090	0.00	0.00	50,000.00
IA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00

Fund Type	B&R Code	Change	FY05	To Date
JA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	15,000.00	15,000.00	15,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
JA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
YA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00

<u>Fund Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY05</u>	<u>To Date</u>
Z	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		<u>\$ 13,304.00</u>	<u>\$96,329,841.73</u>	<u>\$1,501,520,384.43</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. A309		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (if applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (if other than item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$970,873.79

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)	16C. DATE SIGNED 4-11-05
(Signature of person authorized to sign)			

Contract No. DE-AC05-84ER40150

Modification No. A309

Page 2 of 5

1. The amount under this contract is increased by \$970,873.79 from \$1,501,520,384.43 to \$1,502,491,258.22.

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	970,873.79	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	15,000.00	15,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	37,000.00	77,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00

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<u>Fund Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY05</u>	<u>To Date</u>
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	<u>\$ 970,873.79</u>	<u>\$97,300,715.52</u>	<u>\$1,502,491,258.22</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 5

2. AMENDMENT/MODIFICATION NO.

A310

3. EFFECTIVE DATE

See Blk 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

7. ADMINISTERED BY (If other than Item 6)

CODE

U.S. Department of Energy

TJNAF Site Office

12000 Jefferson Avenue

Newport News, VA 23606

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Southeastern Universities Research Association, Inc.

1201 New York Avenue, NW

Suite 430

Washington, D.C. 20005

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC05-84ER40150

10B. DATED (SEE ITEM 11)

X

August 3, 1984

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Decrease of \$37,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Decrease in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
	James W. Skinner, Contracting Officer
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	(Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED
	4/29/05

Contract No. DE-AC05-84ER40150

Modification No. A310

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1. The amount under this contract is decreased by \$37,000.00 from \$1,502,491,258.22 to \$1,502,454,258.22.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,236,000.00	186,430,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	20,620,000.00	133,561,059.00
WA	KB0102012 (EQU)	0.00	6,100,000.00	44,206,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	1,500,000.00	1,500,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/VV)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00

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Fund Type	B&R Code	Change	FY05	To Date
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	15,000.00	15,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,504,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	(37,000.00)	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00

Received Time May.13. 9:21AM

Contract No. DE-AC05-84ER40150

Modification No. A310

Page 5 of 5

<u>Fund Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY05</u>	<u>To Date</u>
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	<u>\$ (37,000.00)</u>	<u>\$97,263,715.52</u>	<u>\$1,502,454,258.22</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 5

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

A311

See Blk 16C

6. ISSUED BY

CODE

7. ADMINISTERED BY (If other than Item 6)

CODE

Department of Energy

Site Office

12000 Jefferson Avenue

Newport News, VA 23606

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Southeastern Universities Research Association, Inc.

1201 New York Avenue, NW

Suite 430

Washington, D.C. 20005

(X)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC05-84ER40150

10B. DATED (SEE ITEM 11)

X

CODE

FACILITY CODE

August 3, 1984

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS



The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers



is extended,



is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Decrease of \$59,232.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X

Decrease in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

CONTRACTOR/OFFEROR

15C. DATE SIGNED

James A. Turi, Administrative Contracting Officer

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

he amount under this contract is decreased by \$59,232.00 from \$1,502,454,258.22 to \$1,502,395,026.22.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	(1,400,000.00)	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	-2,200,000.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	(2,200,000.00)	-(1,000,000.00)	8,263,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	4,600,000.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	(1,800,000.00)	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	650,000.00	2,150,000.00	2,150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
	39DP08170	0.00	0.00	967,442.00
	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3I	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
	600305000 (AGRSURA2005W002)	3,768.00	3,768.00	3,768.00
	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR9800003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	27,000.00	57,000.00	57,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
VA	EB550000	0.00	0.00	0.00
	EB5501000	0.00	0.00	339,063.00
	EB5502000	0.00	0.00	104,537.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00

Type	B&R Code	Change	FY05	To Date
WA	FS1001000			
WA	FS1001100	0.00	509,000.00	2,234,374.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	0.00	0.00
WA	FS1002000 (GPP)	0.00	140,000.00	595,626.00
WA	FS1002300	0.00	300,000.00	300,000.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	0.00	0.00
WA	FS1005100	0.00	453,000.00	1,376,000.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	0.00	0.00
WA	FS1009300	0.00	72,000.00	315,000.00
WV	FS1001000	0.00	0.00	0.00
WV	FS1001100	0.00	0.00	145,773.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	0.00
WV	FS1002400	0.00	0.00	81,000.00
WV	FS1009000	0.00	0.00	0.00
WV	FS1009300	0.00	0.00	9,000.00
WA	KA1401030	0.00	0.00	0.00
WA	KA1501020	0.00	0.00	644,310.00
WA	KA1502030	10,000.00	25,000.00	25,000.00
WA	KA1502030 (EQU)	0.00	0.00	35,000.00
WA	KC0204018	0.00	0.00	90,000.00
WA	KC0301030	0.00	0.00	11,943.00
WA	KG0801000	0.00	0.00	182,982.00
WA	KJ0101030	0.00	0.00	337,800.00
WA	KJ0102000	0.00	0.00	155,000.00
WA	KJ0102000 (EQU)	50,000.00	50,000.00	1,554,346.00
WA	KJ0200000	0.00	0.00	44,745.00
4V	KL0101000	0.00	0.00	534,909.00
WA	KL0101000 (SULI)	0.00	0.00	122,618.00
WA	KL0103000 (PST)	0.00	99,000.00	821,350.00
WA	KL0201000 (LSTPD)	0.00	0.00	40,000.00
TF	KP1104010	0.00	232,920.00	409,920.00
WA	KP1401030	0.00	0.00	13,000.00
WA	KP1401030 (EQU)	0.00	470,000.00	2,828,000.00
WA	KP1402010	0.00	55,000.00	920,000.00
WA	KP1402010 (EQU)	0.00	0.00	175,600.00
WA	KS0101000	0.00	0.00	439,400.00
WA	KS0101000 (EQU)	0.00	0.00	4,000.00
WA	KT0101014	0.00	0.00	6,861.00
WA	KT0101017	0.00	0.00	380,000.00
WA	KT0101019	0.00	0.00	412,000.00
WA	KT0101025	0.00	0.00	5,000.00
WA	KT0201013	0.00	0.00	9,702.00
TF	KV0101012	0.00	0.00	87,300.00
TF	KV0101014	0.00	0.00	280,000.00
WA	KX0310211	0.00	0.00	612,000.00
WA	WB0100000	0.00	0.00	5,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	116,000.00
SA	WN0219080	0.00	0.00	125,000.00
		(17,005.00)	(17,005.00)	(17,005.00)

<u>I Type</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY05</u>	<u>To Date</u>
SA	WN0219080 (RWN02DUMMY)	17,005.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		<u>\$ (59,232.00)</u>	<u>\$97,204,483.52</u>	<u>\$1,502,395,026.22</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 5 PAGES	
2. AMENDMENT/MODIFICATION NO. A312		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Energy JF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
				X		9B. DATED (SEE ITEM 11)	
						10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
 or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE
 PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment
 your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this
 amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$9,699.00

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James W. Skinner, Contracting Officer	
CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		<i>James W. Skinner</i> (Signature of Contracting Officer)	6/1/05

The amount under this contract is increased by \$9,699.00 from \$1,502,395,026.22 to \$1,502,404,725.22.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	48,776,000.00	549,314,777.00
WA	KB0102011 (AIP)	0.00	(1,000,000.00)	8,263,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	0.00	593,000.00
WA	KB0301052 (EQU)	0.00	0.00	130,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
YA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98

Fund Type	B&R Code	Change	FY05	To Date
F	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	9,699.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	57,000.00	57,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	339,063.00
YA	EB5502000	0.00	0.00	104,537.00

Fund Type	B&R Code	Change	FY05	To Date
A	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
A	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
F	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00

Fund Type	B&R Code	Change	FY05	To Date
A	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	WN0219080	0.00	(17,005.00)	(17,005.00)
SA	WN0219080 (RWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		<u>\$ 9,699.00</u>	<u>\$97,214,182.52</u>	<u>\$1,502,404,725.22</u>



Department of Energy

Oak Ridge Operations Office
P.O. Box 2001
Oak Ridge, Tennessee 37831—

June 1, 2005

A312

Mary C. Erwin
Chief Financial Officer
SURA/TJNAF
12000 Jefferson Avenue
Newport News, Virginia 23606

Dear Ms. Erwin:


INTERIM FISCAL YEAR 2005 FINANCIAL PLAN FOR SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION (ER40150) – JUNE 2005

The following changes are effective for June and will be included in your June contract modification:

Legacy Fund Type/STAR S Fund	Legacy B&R/STARS Program No.	Cost Center	Legacy Program Number/STARS WFO	Amount of Change
2Y/00555	600301010/1720572	0000	AGRSURA2005W008/0490137	\$9,699.00
			TOTAL	\$9,699.00

If you have any questions, please call Deborah Walker of my staff at (865) 576-0656.

Sincerely,


Jennifer Y. Hackett, Director
Planning and Budget Division

FM-723:Walker

cc:

J.W. Skinner, TJNAF
D. Britten, TJNAF
S. Parkinson, SURA

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. M313	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	CODE	7. ADMINISTERED BY (If other than item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
			10B. DATED (SEE ITEM 11) August 3, 1984
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103 (a)(3)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to revise Appendix F of the contract in its entirety (copy attached).

2. All other terms and conditions remain the same.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Dr. Jerry P. Draayer, President & CEO	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer
15B. CONTRACTOR/OFFEROR <i>[Signature]</i> (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA <i>[Signature]</i> (Signature of Contracting Officer)
15C. DATE SIGNED 6/20/05	16C. DATE SIGNED 6/29/05

APPENDIX F**KEY PERSONNEL**

As required by Clause I.97 entitled "Key Personnel," the following positions/individuals are identified as Key Personnel and require Contracting Officer approval to replace the employee with an employee of substantially equal abilities and qualifications:

<u>Position</u>	<u>Name</u>
Laboratory Director	Christoph W. Leemann
Deputy Laboratory Director	(if applicable in the future)

The following positions/individuals are also identified as "Key Personnel" and require consultation with the Contracting Officer of the Jefferson Lab Site Office regarding any proposed changes:

Associate Director for Accelerator	Swapan Chattophyay
Associate Director for Physics	Lawrence S. Cardman
Associate Director for Administration	Kelly S. Caccetta
Chief Scientist	Anthony W. Thomas
Chief Financial Officer	Mary C. Erwin
Chief Information Officer	R. Roy Whitney
Chief Technology Officer	H. Frederick Dylla
Assistant Director	Allison F. Lung
Laboratory Safety Director	Craig R. Ferguson

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE 1 OF 5 PAGES	
2. AMENDMENT/MODIFICATION NO. A314		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X)		9A. AMENDMENT OF SOLICITATION NO.	
CODE		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				10B. DATED (SEE ITEM 11) August 3, 1984	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$1,173,974.94

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED 6/30/05	

Received Time Jul.25. 3:16PM

Contract No. DE-AC05-84ER40150

Modification No. A314

Page 2 of 5

1. The amount under this contract is increased \$1,173,974.94 from \$1,502,404,725.22 to \$1,503,578,700.16.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(2,101,000.00)	46,675,000.00	547,213,777.00
WA	KB0102011 (AIP)	2,200,000.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	150,000.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	591,000.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	130,000.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	186,901.94	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

Received Time Jul.25. 3:16PM

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	18,000.00	75,000.00	75,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00

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Fund Type	B&R Code	Change	FY05	To Date
YA	EB5501000	(184.00)	(184.00)	338,879.00
YA	EB5502000	(146.00)	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
HA	EL1703010	(597.00)	(597.00)	(597.00)
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00

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Fund Type	B&R Code	Change	FY05	To Date
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	WN0219080	0.00	(17,005.00)	(17,005.00)
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I11J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		<u>\$ 1,173,974.94</u>	<u>\$98,388,157.46</u>	<u>\$1,503,578,700.16</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 2 PAGES	
2. AMENDMENT/MODIFICATION NO. M315		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Energy IAF Site Office 2000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
				X		9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				X		10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted; such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause H.29 titled "SURA CENTRAL OFFICE EXPENSES" & Clause I.78 DEAR 970.5240-13 titled "ALLOWABLE COSTS AND FIXED FEE"
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) TERRY DRAAYER, PRESIDENT SURA		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer	
15B. UNITED STATES OF AMERICA		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED 8/17/85		16C. DATE SIGNED 8/18/85	
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

1. The purpose of this modification is to incorporate the final Central Office Expenses (COE) Cap for FY04. Paragraph (3) of clause H.29 is revised as follows:
- a. A schedule of the Central Office Expenses is as follows:

Fiscal Year	Estimated COE	Actual COE
11/01/1999-9/30/2000	\$1,515,834	\$1,415,979
10/01/2000-9/30/2001	\$1,653,637	\$1,728,427
10/01/2001-9/30/2002	\$1,745,000	\$1,686,982
Fiscal Year	Estimated COE CAP	Actual COE CAP
10/01/2002-9/30/2003	\$1,083,333	\$1,067,703
10/01/2003-9/30/2004	\$1,333,642	\$1,458,165*
10/01/2004-9/30/2005	\$1,566,190**	TBD

**The actual COE Cap payable to SURA is \$423,014 which is net of credits to DOE and adjustments between estimated and actual FY03 COE Cap as annotated in paragraph 1.a.(4) of contract modification M280 and the difference between the estimated and actual FY04 COE Cap.*

***The Estimated FY05 COE Cap payable to SURA is \$1,116,190 which is net of a \$450,000 credit to DOE for "reserve funds" addressed in paragraph (b) of Clause I.78 entitled "DEAR 970.5204-13, Allowable Costs and Fixed Fee"*

- b. Incorporate the fixed fee payable to the Contractor for FY05 under Clause I.78 entitled "DEAR 870.5204-13 ALLOWABLE COSTS AND FIXED FEE (MANAGEMENT AND OPERATING CONTRACTS) (MAR 1988) (DEVIATION)." The first section of paragraph (b) of Clause I.78 is revised as follows:

"(b) Fixed-Fee. The fixed-fee payable to the Contractor for the performance of the work under this contract commencing November 1, 1999, is as follows:

- (1) From November 1, 1999 through September 30, 2000- \$341,917
- (2) From October 1, 2000 through September 30, 2001- \$373,000
- (3) From October 1, 2001 through September 30, 2002- \$373,000
- (4) From October 1, 2002 through September 30, 2003- \$390,000
- (5) From October 1, 2003 through September 30, 2004- \$535,000
- (6) From October 1, 2004 through September 30, 2005- \$535,000

The parties agree that the FY04 fixed fee of \$535,000 will remain the same in FY05 once the contract is extended for the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004."

2. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. A314		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Energy AF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
 or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE
 PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment
 your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this
 amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$1,173,974.94

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 SEE FOLLOWING PAGES

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James A. Turi, Administrative Contracting Officer	
CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		<i>James A. Turi</i> (Signature of Contracting Officer)	6/30/05

The amount under this contract is increased \$1,173,974.94 from \$1,502,404,725.22 to \$1,503,578,700.16. As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(2,101,000.00)	46,675,000.00	547,213,777.00
WA	KB0102011 (AIP)	2,200,000.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	150,000.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	591,000.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	130,000.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
WA	392100000	0.00	0.00	653,176.00
WA	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	186,901.94	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

Fund Type	B&R Code	Change	FY05	To Date
	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	18,000.00	75,000.00	75,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
	CS502000	0.00	0.00	145,500.00
	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00

Fund Type	B&R Code	Change	FY05	To Date
A	EB5501000	(184.00)	(184.00)	338,879.00
YA	EB5502000	(146.00)	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
HA	EL1703010	(597.00)	(597.00)	(597.00)
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
A	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
A	KT0101019	0.00	0.00	5,000.00
	KT0101025	0.00	0.00	9,702.00
	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00

Fund Type	B&R Code	Change	FY05	To Date
	KV0101014	0.00	0.00	612,000.00
VVA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	125,000.00
SA	WN0219080	0.00	(17,005.00)	(17,005.00)
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
	TOTAL	\$ 1,173,974.94	\$98,388,157.46	\$1,503,578,700.16

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 5
2. AMENDMENT/MODIFICATION NO. A316	3. EFFECTIVE DATE See Blk 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150
			10B. DATED (SEE ITEM 11) August 3, 1984
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

No change

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Correction in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner, Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 7/19/05

Contract No. DE-AC05-84ER40150

Modification No. A316

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1. The amount under this contract is increased \$0.00 and remains \$1,503,578,700.16.

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	3,836,000.00	185,030,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	(597.00)	46,674,403.00	547,213,180.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	0.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

Contract No. DE-AC05-84ER40150

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	75,000.00	75,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00

Received Time Jul.25. 3:16PM

Contract No. DE-AC05-84ER40150

Modification No. A316

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Fund Type	B&R Code	Change	FY05	To Date
YA	EB5501000	0.00	(184.00)	338,879.00
YA	EB5502000	0.00	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
HA	EL1703010	597.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	470,000.00	2,828,000.00
WA	KP1401030 (EQU)	0.00	55,000.00	920,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00

Received Time Jul.25. 3:16PM

Contract No. DE-AC05-84ER40150

Modification No. A316

Page 5 of 5

Fund Type	B&R Code	Change	FY05	To Date
TF	KV0101014	0.00		
WA	KX0310211	0.00	0.00	612,000.00
YA	WB0100000	0.00	0.00	5,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	116,000.00
SA	WN0219080	0.00	0.00	125,000.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	(17,005.00)	(17,005.00)
SA	YN1901000	0.00	17,005.00	17,005.00
SA	YN1901000 (39BP BP90)	0.00	0.00	98,652.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSK4400000101)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000239)	0.00	887,900.00	887,900.00
		0.00	114,000.00	114,000.00
TOTAL		\$ -	\$98,388,157.46	\$1,503,578,700.16

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 5 PAGES	
2. AMENDMENT/MODIFICATION NO. A317		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Energy IAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
				X		9B. DATED (SEE ITEM 11)	
						10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$247,403.00

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James W. Skinner, Contracting Officer	
CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		<i>James W. Skinner</i> (Signature of Contracting Officer)	7/31/05

The amount under this contract is increased \$247,403.00 from \$1,503,578,700.16 to \$1,503,826,103.16.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	44,000.00	3,880,000.00	185,074,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	597.00	46,675,000.00	547,213,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	25,220,000.00	138,161,059.00
WA	KB0102012 (EQU)	0.00	4,300,000.00	42,406,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	0.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	1,714,000.00	11,780,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
	392100000	0.00	0.00	653,176.00
	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE500000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE500000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE500000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

id Type	B&R Code	Change	FY05	To Date
I	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600305000 (AGRSURA2005W005)	58,806.00	58,806.00	58,806.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	9,000.00	84,000.00	84,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
	CS502000	0.00	(84.00)	44,244.00
	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00

nd Type	B&R Code	Change	FY05	To Date
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	(184.00)	338,879.00
YA	EB5502000	0.00	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
HA	EL1703010	0.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
V	FS1009000	0.00	0.00	9,000.00
V	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	90,000.00	560,000.00	2,918,000.00
WA	KP1401030 (EQU)	45,000.00	100,000.00	965,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
A	KT0101017	0.00	0.00	412,000.00
A	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00

nd Type	B&R Code	Change	FY05	To Date
IF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	(17,005.00)	(17,005.00)	107,995.00
SA	WN0219080	17,005.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		\$ 247,403.00	\$98,635,560.46	\$1,503,826,103.16

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 2 PAGES	
2. AMENDMENT/MODIFICATION NO. <div style="text-align: center;">M318</div>		3. EFFECTIVE DATE <div style="text-align: center;">See Block 16C</div>		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
ISSUED BY U.S. Department of Energy JNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause 1.100 DEAR 970.5204-78 Laws, Regulations and DOE Directives (June 1997)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Following Pages

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <div style="text-align: center;">ERRY DEWEYER, Resident / CEO</div>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <div style="text-align: center;">James W. Skinner, Contracting Officer</div>	
15C. DATE SIGNED <div style="text-align: center;">8/17/05</div>		16C. DATE SIGNED <div style="text-align: center;">8/17/05</div>	
(Signature of person authorized to sign) 		(Signature of Contracting Officer) 	

Contract No. DE-AC05-84ER40150

Modification M318

Page 2 of 2

1. The purpose of this modification is to add DOE Order 142.3 entitled "UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS PROGRAM" to List B of Appendix E of subject contract.
2. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 5		
2. AMENDMENT/MODIFICATION NO. A319		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of Energy JNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

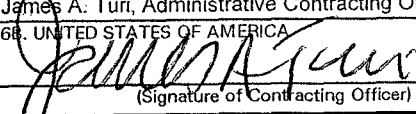
Change

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Change in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

15A. NAME AND TITLE OF SIGNER (Type or print) CONTRACTOR/OFFEROR		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer	
15C. DATE SIGNED		16C. DATE SIGNED	
(Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	

The amount under this contract is increased \$0.00 and remains \$1,503,826,103.16.

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	1,844,000.00	5,724,000.00	186,918,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	40,000.00	46,715,000.00	547,253,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	(3,870,000.00)	21,350,000.00	134,291,059.00
WA	KB0102012 (EQU)	700,000.00	5,000,000.00	43,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	0.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	1,286,000.00	3,000,000.00	13,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
	392100000	0.00	0.00	653,176.00
	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

Id Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	0.00	326,516.00	326,516.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600305000 (AGRSURA2005W005)	0.00	58,806.00	58,806.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	84,000.00	84,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
VA	AT5015033	0.00	0.00	5,000.00
	CS502000	0.00	(84.00)	44,244.00
	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00

Id Type	B&R Code	Change	FY05	To Date
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	(184.00)	338,879.00
YA	EB5502000	0.00	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	25,000.00
HA	EL1703010	0.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
V	FS1002400	0.00	0.00	0.00
	FS1009000	0.00	0.00	9,000.00
vvv	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	560,000.00	2,918,000.00
WA	KP1401030 (EQU)	0.00	100,000.00	965,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
A	KT0101014	0.00	0.00	380,000.00
\	KT0101017	0.00	0.00	412,000.00
A	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00

Id Type	B&R Code	Change	FY05	To Date
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	(17,005.00)	107,995.00
SA	WN0219080	0.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		\$ -	\$98,635,560.46	\$1,503,826,103.16

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE

PAGE OF PAGES

1

5

2. AMENDMENT/MODIFICATION NO. A320		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		CODE		7. ADMINISTERED BY (If other than item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005				(X)		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
						10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$421,960.78

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause I.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		James W. Skinner, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		<i>James W. Skinner</i> (Signature of Contracting Officer)	8/23/05

Received Time Oct. 26. 10:43AM

Contract No. DE-AC05-84ER40150

Modification No. A320

Page 2 of 5

1. The amount under this contract is increased \$421,960.78 from \$1,503,826,103.16 to \$1,504,248,063.94.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	0.00	5,724,000.00	186,918,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,715,000.00	547,253,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	21,350,000.00	134,291,059.00
WA	KB0102012 (EQU)	0.00	5,000,000.00	43,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	0.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	3,000,000.00	13,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400409900 (AGRSURA2005W003)	100,240.78	100,240.78	100,240.78
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	70,000.00	145,358.00
2Y	600305000 (AGRSURA2005W001)	147,317.00	473,833.00	473,833.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600305000 (AGRSURA2005W005)	0.00	58,806.00	58,806.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	84,000.00	84,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00

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Fund Type	B&R Code	Change	FY05	To Date
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	(184.00)	338,879.00
YA	EB5502000	0.00	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	(597.00)	(597.00)	24,403.00
HA	EL1703010	0.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	0.00	453,000.00	1,376,000.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1401040	25,000.00	25,000.00	25,000.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	115,000.00	675,000.00	3,033,000.00
WA	KP1401030 (EQU)	35,000.00	135,000.00	1,000,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00

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Fund Type	B&R Code	Change	FY05	To Date
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	(17,005.00)	107,995.00
SA	WN0219080	0.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		<u>\$421,960.78</u>	<u>\$99,057,521.24</u>	<u>\$1,504,248,063.94</u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1

5

2. AMENDMENT/MODIFICATION NO.

A321

3. EFFECTIVE DATE

See Blk 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

U.S. Department of Energy

TJNAF Site Office

12000 Jefferson Avenue

Newport News, VA 23606

7. ADMINISTERED BY (If other than Item 6)

CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Southeastern Universities Research Association, Inc.

1201 New York Avenue, NW

Suite 430

Washington, D.C. 20005

(X)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

DE-AC05-84ER40150

10B. DATED (SEE ITEM 11)

X

CODE

FACILITY CODE

August 3, 1984

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Increase of \$571,200.58

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
	James W. Skinner, Contracting Officer
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA <i>James W. Skinner</i> (Signature of Contracting Officer)
	16C. DATE SIGNED 9/28/05

Contract No. DE-AC05-84ER40150

Modification No. A321

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1. The amount under this contract is increased \$571,200.58 from \$1,504,248,063.94 to \$1,504,819,264.52.

As a result, the first sentence of paragraph (a) of Clause 1.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY05	To Date
WA	KB0101021	5,000.00	5,729,000.00	186,923,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	0.00	46,715,000.00	547,253,777.00
WA	KB0102011 (AIP)	0.00	1,200,000.00	10,463,000.00
WA	KB0102011 (GPP)	0.00	800,000.00	8,724,000.00
WA	KB0102012	0.00	21,350,000.00	134,291,059.00
WA	KB0102012 (EQU)	0.00	5,000,000.00	43,106,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	0.00	2,150,000.00	2,150,000.00
WA	KB0102013 (EQU)	0.00	150,000.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	0.00	3,000,000.00	13,066,702.00
WA	KB0301020 (EQU)	0.00	0.00	820,000.00
WA	KB0301052	0.00	591,000.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	130,000.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	1,159,223.30	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	186,901.94	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

Contract No. DE-AC05-84ER40150

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Fund Type	B&R Code	Change	FY05	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	545,631.07	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	2,815,533.98	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	1,941,747.57	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	970,873.79	970,873.79
3T	400403309 (AGRN00014-04-F-0171X)	242,718.45	242,718.45	242,718.45
3T	400403309 (AGRN00014-04-F-0171Y)	199,029.13	199,029.13	199,029.13
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	5,339.81	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400409900 (AGRSURA2005W003)	0.00	100,240.78	100,240.78
3Y	400412000 (AGRY10R133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	9,699.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	49,896.00	119,896.00	195,254.00
2Y	600305000 (AGRSURA2005W001)	42,057.00	515,890.00	515,890.00
2Y	600305000 (AGRSURA2005W002)	0.00	3,768.00	3,768.00
2Y	600305000 (AGRSURA2005W005)	0.00	58,806.00	58,806.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	76,726.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	30,000.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	9,000.00	93,000.00	93,000.00
1Y	650102000 (AGRSURA2005S004)	30,000.00	30,000.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00
WA	AT5015033	0.00	0.00	5,000.00

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Modification No. A321

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Fund Type	B&R Code	Change	FY05	To Date
TF	CS502000	0.00	(84.00)	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	(1,612.00)	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	(184.00)	338,879.00
YA	EB5502000	0.00	(146.00)	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	(597.00)	24,403.00
HA	EL1703010	0.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	0.00	509,000.00	2,234,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	0.00	140,000.00	595,626.00
WA	FS1002000 (GPP)	0.00	300,000.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	(6,500.00)	446,500.00	1,369,500.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	0.00	72,000.00	315,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1401040	0.00	25,000.00	25,000.00
WA	KA1501020	0.00	25,000.00	25,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	50,000.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	99,000.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	232,920.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	0.00	675,000.00	3,033,000.00
WA	KP1401030 (EQU)	0.00	135,000.00	1,000,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00

Received Time Sep.30. 10:53AM

Contract No. DE-AC05-84ER40150

Modification No. A321

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Fund Type	B&R Code	Change	FY05	To Date
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	(17,005.00)	107,995.00
SA	WN0219080	0.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	17,005.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	887,900.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	114,000.00	114,000.00
TOTAL		<u>\$571,200.58</u>	<u>\$99,628,721.82</u>	<u>\$1,504,819,264.52</u>

10/26/2005 10:49 FAX 757 269 7146
09/30/2005 13:22 FAX 2024088250
09/30/2005 11:56 FAX 757 269 7146

DOE/TJNAF SITE OFC
SURA
DOE/TJNAF SITE OFC

→ P&CD/ACQUISITION 009
→ SURA 002

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
PAGE 1 OF 3

2. AMENDMENT/MODIFICATION NO. M322
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (if applicable)

6. ISSUED BY CODE
U.S. Department of Energy
TJNAF Site Office
12000 Jefferson Avenue
Newport News, VA 23606

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
Southeastern Universities Research Association, Inc.
1201 New York Avenue, NW
Suite 430
Washington, D.C. 20005

9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC05-84ER40150
10B. DATED (SEE ITEM 11)
August 3, 1984

CODE FACILITY CODE
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE
PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment
your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this
amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
N/A

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 6.302-3 (A)(2)(ii)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
See Following Pages

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
15B. CONTRACTOR/OFFICER 	James W. Skinner, Contracting Officer
15C. DATE SIGNED 9/30/05	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)
	16C. DATE SIGNED 9/30/05

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

Received Time Oct.26. 10:43AM

Contract No. DE-AC05-84ER40150
Modification No. M322
Page 2 of 3

1. The purpose of this modification is to extend the period of performance to December 31, 2005.
2. Clause F.1 entitled "PERIOD OF PERFORMANCE," is revised as follows:

"In accordance with this Contract Modification, the performance of the work described in Part I, Section C – Description/Specifications/Work Statement shall continue up to and including December 31, 2005. This modification is an extension of Contract DE-AC05-84ER40150, dated August 3, 1983, and currently in effect through December 31, 2005."

3. Paragraph (3) of Clause H.29 entitled "SURA CENTRAL OFFICE EXPENSES," is revised as follows:

"(3) A schedule of the Central Office Expenses is as follows:

FISCAL YEAR	ESTIMATED COE	ACTUAL COE
11/01/1999-9/30/2000	\$1,515,834	\$1,415,979
10/01/2000-9/30/2001	\$1,653,637	\$1,728,427
10/01/2001-9/30/2002	\$1,745,000	\$1,686,982
FISCAL YEAR	ESTIMATED COE CAP	ACTUAL COE CAP
10/01/2002-9/30/2003	\$1,083,333	\$1,067,703
10/01/2003-9/30/2004	\$1,333,642	\$1,458,165*
10/01/2004-9/30/2005	\$1,476,190**&***	TBD
10/01/2005-12/31/05	\$369,048****	TBD

*The actual COE Cap payable to SURA is \$423,014 which is net of credits to DOE and adjustments between estimated and actual FY03 COE Cap as annotated in paragraph 1.a.(4) of contract modification M280 and the difference between the estimated and actual FY04 COE Cap.

**The Estimated FY05 COE Cap was decreased by \$90,000 from the amount of \$1,566,190 annotated in contract modification M315 as a result of SURA's lower estimate of total residual FY05 COE provided in their revised Proposal for Pre-Determined COE FY05 dated September 14, 2005.

***The Estimated FY05 COE Cap payable to SURA is \$1,600,713 which represents the FY05 Estimated COE Cap of \$1,476,190 plus an increase of \$124,523 as a result of the difference between the FY04 Actual COE Cap of \$1,458,165 and the FY04 Estimated COE Cap of \$1,333,642.

****The Estimated FY06 COE Cap payable to SURA is \$0 because the entire Estimated COE Cap of \$369,048 will be used as credit in favor of DOE as partial payment of the \$450,000

Contract No. DE-AC05-84ER40150

Modification No. M322

Page 3 of 3

"reserve funds" addressed in paragraph (b) of Clause I.78 entitled "DEAR 970.5204-13, Allowable Costs and Fixed Fee.

4. The first section of paragraph (b) of Clause I.78 entitled "DEAR 870.5204-13 ALLOWABLE COSTS AND FIXED FEE (MANAGEMENT AND OPERATING CONTRACTS) (MAR 1988) (DEVIATION)" is revised as follows:

"(b) Fixed-Fee. The fixed-fee payable to the Contractor for the performance of the work under this contract commencing November 1, 1999, is as follows:

- (1) From November 1, 1999 through September 30, 2000 - \$341,917
- (2) From October 1, 2000 through September 30, 2001 - \$373,000
- (3) From October 1, 2001 through September 30, 2002 - \$373,000
- (4) From October 1, 2002 through September 30, 2003 - \$390,000
- (5) From October 1, 2003 through September 30, 2004 - \$535,000
- (6) From October 1, 2004 through September 30, 2005 - \$535,000
- (7) From October 1, 2005 through December 31, 2005 - \$133,749*

** The net Fixed Fee payable to SURA will be \$52,797 as \$80,952 of the fee will be applied as a credit to DOE as payment on the remaining balance of the "reserve funds" referenced in paragraph 3 of this modification and as addressed in paragraph (b) of Clause I.78 entitled "DEAR 970.5204-13, Allowable Costs and Fixed Fee.*

The parties agree that the FY04 and FY05 fixed fee of \$535,000 will remain the same on a pro rata basis for the FY06 three month extension period of the final year in accordance with the Secretary's Decision Memorandum dated January 29, 2004."

5. All other terms and conditions remain unchanged and in full force and effect.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE 1 OF 5	
2. AMENDMENT/MODIFICATION NO. A323		3. EFFECTIVE DATE See Blk 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY U.S. Department of Energy TJNAF Site Office 12000 Jefferson Avenue Newport News, VA 23606		7. ADMINISTERED BY (If other than item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Southeastern Universities Research Association, Inc. 1201 New York Avenue, NW Suite 430 Washington, D.C. 20005		(X)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-84ER40150	
				10B. DATED (SEE ITEM 11) August 3, 1984	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)


Increase of \$12,111,155.34

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Increase in obligation of funds in accordance with Clause 1.79 "Obligation of Funds."

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
SEE FOLLOWING PAGES

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James A. Turi, Administrative Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 10/3/05

Received Time Oct. 18. 10:58AM

Contract No. DE-AC05-84ER40150

Modification No. A323

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1. The amount under this contract is increased \$12,111,155.34 from \$1,504,819,264.52 to \$1,516,930,419.86.

As a result, the first sentence of paragraph (a) of Clause I.79, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

Fund Type	B&R Code	Change	FY06	To Date
WA	KB0101021	1,000,000.00	1,000,000.00	187,923,075.00
WA	KB0101021 (EQU)	0.00	0.00	60,702,959.00
WA	KB0102011	5,500,000.00	5,500,000.00	552,753,777.00
WA	KB0102011 (AIP)	300,000.00	300,000.00	10,763,000.00
WA	KB0102011 (GPP)	0.00	0.00	8,724,000.00
WA	KB0102012	3,000,000.00	3,000,000.00	137,291,059.00
WA	KB0102012 (EQU)	400,000.00	400,000.00	43,506,498.00
WA	KB0102012 (EQUEQU01CG)	0.00	0.00	2,003,900.00
WA	KB0102013	150,000.00	150,000.00	2,300,000.00
WA	KB0102013 (EQU)	0.00	0.00	150,000.00
WA	KB0181015	0.00	0.00	5,772,000.00
WA	KB0181020	0.00	0.00	873,000.00
WA	KB0301020	450,000.00	450,000.00	13,516,702.00
WA	KB0301020 (EQU)	50,000.00	50,000.00	870,000.00
WA	KB0301052	0.00	0.00	1,184,000.00
WA	KB0301052 (EQU)	0.00	0.00	260,000.00
WA	KB0401052	0.00	0.00	1,339,000.00
YA	392100000	0.00	0.00	653,176.00
TC	39DP08170	0.00	0.00	967,442.00
WA	39KB00000 (87R203)	0.00	0.00	312,939,618.00
WA	39KG01000 (PRN03SC01003)	0.00	0.00	545,000.00
WA	39KG01000 (PRNMEL001033)	0.00	0.00	9,955,000.00
YA	39WB00000 (IHE50000A001)	0.00	0.00	988,085.00
YA	39WB00000 (IHE50000A002)	0.00	0.00	29,800.00
YA	39WB00000 (IHE50000A003)	0.00	0.00	80,100.00
3T	400403109 (2001-W004/2002W003)	0.00	0.00	4,308,737.86
3T	400403109 (AGRSURA02W003)	0.00	0.00	1,708,737.86
3T	400403209 (AGRSURA05W004)	0.00	0.00	1,159,223.30
3T	400403209 (AGRSURA2005W007)	0.00	0.00	186,901.94
3T	400403309 (AGRN0001401-F-0171)	0.00	0.00	4,441,792.23
3T	400403309 (AGPN0001401-F-0171A)	0.00	0.00	390,141.00
3T	400403309 (AGRN00014-01-F-0171B)	0.00	0.00	24,271.84
3T	400403309 (AGRN00014-01-F-0171C)	0.00	0.00	2,129,060.57
3T	400403309 (AGRN00014-01-F-0171E)	0.00	0.00	550,485.44
3T	400403309 (AGRN00014-01-F-0171G)	0.00	0.00	4,270,388.34
3T	400403309 (AGNR00014-01-F-0171H)	0.00	0.00	526,213.59
3T	400403309 (AGNR00014-01-F-0171I)	0.00	0.00	617,961.17
3T	400403309 (AGRN00014-03-F-0171J)	0.00	0.00	269,417.47
3T	400403309 (AGRN00014-03-F-0171K)	0.00	0.00	170,679.61
3T	400403309 (AGRN00014-01-F-0171L)	0.00	0.00	3,883,495.15
3T	400403309 (AGRN00014-04-F-0171M)	0.00	0.00	2,766,990.29
3T	400403309 (AGRN00014-04-F-0171N)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171P)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171Q)	0.00	0.00	169,708.74
3T	400403309 (AGRN00014-04-F-0171R)	0.00	0.00	485,436.89
3T	400403309 (AGRN00014-04-F-0171S)	0.00	0.00	266,601.94

Contract No. DE-AC05-84ER40150

Modification No. A323

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Fund Type	B&R Code	Change	FY06	To Date
3T	400403309 (AGRN00014-04-F-0171T)	0.00	0.00	545,631.07
3T	400403309 (AGRN00014-04-F-0171U)	0.00	0.00	2,815,533.98
3T	400403309 (AGRN00014-04-F-0171V)	0.00	0.00	1,941,747.57
3T	400403309 (AGRN00014-04-F-0171W)	0.00	0.00	970,873.79
3T	400403309 (AGRN00014-04-F-0171X)	0.00	0.00	242,718.45
3T	400403309 (AGRN00014-04-F-0171Y)	0.00	0.00	199,029.13
3T	400403309 (AGRN00014-04-F-0171AA)	728,155.34	728,155.34	728,155.34
3T	400403309 (AGSURA03W002)	0.00	0.00	718,446.60
3T	400403309 (OP AGR000096)	0.00	0.00	11,705,563.00
3T	400403309 (OP AGR-00-F-0439)	0.00	0.00	9,029,126.21
3T	400403309 (OP AGR27199MPHS058)	0.00	0.00	11,959.00
3T	400403309 FEL AGR SURA 03W007	0.00	0.00	12,621.00
3T	400403309(SURA2004W003)	0.00	0.00	5,943,689.32
3T	400403809 (AGR03N186-01)	0.00	0.00	2,387.00
3Y	400407000 (AGRSURA2004W007)	0.00	0.00	5,339.81
3Y	400409900 (AGRSURA2001W002)	0.00	0.00	17,018.00
3Y	400409900 (AGRSURA2005W003)	0.00	0.00	100,240.78
3Y	400412000 (AGRY1OR133700)	0.00	0.00	42,129.00
2Y	600301010 (AGR-2001-W003)	0.00	0.00	956.00
2Y	600301010 (OP AGR98003105)	0.00	0.00	198,292.00
2Y	600301010 (AGRSURA2005W008)/ STARS Pgm No.(WFO No.) 1720572(0490137)	0.00	0.00	9,699.00
2Y	600301020 (AGRSURA2003W003)	0.00	0.00	86,000.00
2Y	600301020 (AGRSURA2004W004)	0.00	0.00	6,500.00
2Y	600302000 (OP AGR2000W001)	0.00	0.00	87,421.00
2Y	60030500 (AGR2002W005M)	0.00	0.00	16,722.00
2Y	600305000 (OP AGR2000W002)	0.00	0.00	39,467.00
2Y	600305000 (OP AGR2000W003)	0.00	0.00	8,148.00
2Y	600305000 (OP AGR99W001)	0.00	0.00	467,960.00
2Y	600305000 (AGR2004W002/W)	0.00	0.00	195,254.00
2Y	600305000 (AGRSURA2005W001)	0.00	0.00	515,890.00
2Y	600305000 (AGRSURA2005W002)	0.00	0.00	3,768.00
2Y	600305000 (AGRSURA2005W005)	0.00	0.00	58,806.00
2Y	600306000 (AGRSURA-2004W0000)	0.00	0.00	48,277.00
1Y	650102000 (AGR-2001-S002)	0.00	0.00	6,796.00
1Y	650102000 (AGR94-001)	0.00	0.00	20,000.00
1Y	650102000 (AGR94-002)	0.00	0.00	203,651.00
1Y	650102000 (AGR980003)	0.00	0.00	27,180.00
1Y	650102000 (AGRS003)	0.00	0.00	72.00
1Y	650102000 (AGRSURA2002S002)	0.00	0.00	10,875.00
1Y	650102000 (AGRSURA2002S003)	0.00	0.00	199,042.00
1Y	650102000 (AGRSURA2003S002)	0.00	0.00	29,544.00
1Y	650102000 (AGRSURA2004S002)	0.00	0.00	89,986.00
1Y	650102000 (AGRSURA2004S003)	0.00	0.00	30,000.00
1Y	650102000 (AGRSURA2005S001)	0.00	0.00	93,000.00
1Y	650102000 (AGRSURA2005S004)	0.00	0.00	30,000.00
1Y	650102000 (OP AGR00-004)	0.00	0.00	5,915.00
1Y	650102000 (AGRSURA2004W004)	0.00	0.00	0.00
TC	820101000 (OP)	0.00	0.00	599,853.00
TC	820201000 (OP TSKER 40150JLAAA CR40)	0.00	0.00	56,624.00
TC	820201000 (OP TSKER401501111J CR40)	0.00	0.00	5,933,571.00
TC	820201000 (OP TSKER40150TJAAA CR40)	0.00	0.00	59,638,287.00

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Fund Type	B&R Code	Change	FY06	To Date
WA	AT5015033	0.00	0.00	5,000.00
TF	CS502000	0.00	0.00	44,244.00
FG	CS502000	0.00	0.00	145,500.00
FG	CS502000 (EQU)	0.00	0.00	113,388.00
TC	DP0817020	0.00	0.00	954,954.00
YA	EB550000	0.00	0.00	0.00
YA	EB5501000	0.00	0.00	338,879.00
YA	EB5502000	0.00	0.00	104,391.00
HA	EL1703000 (OPFWP #EL17039)	0.00	0.00	24,403.00
HA	EL1703010	0.00	0.00	0.00
TE	EW09MM090	0.00	0.00	50,000.00
WA	FS1001000	300,000.00	300,000.00	2,534,374.00
WA	FS1001100	0.00	0.00	0.00
WA	FS1001500	0.00	0.00	0.00
WA	FS1002000	20,000.00	20,000.00	615,626.00
WA	FS1002000 (GPP)	0.00	0.00	300,000.00
WA	FS1002300	0.00	0.00	0.00
WA	FS1002400	0.00	0.00	0.00
WA	FS1005000	100,000.00	100,000.00	1,469,500.00
WA	FS1005100	0.00	0.00	0.00
WA	FS1005500	0.00	0.00	0.00
WA	FS1009000	13,000.00	13,000.00	328,000.00
WA	FS1009300	0.00	0.00	0.00
WV	FS1001000	0.00	0.00	145,773.00
WV	FS1001100	0.00	0.00	0.00
WV	FS1001500	0.00	0.00	0.00
WV	FS1002000	0.00	0.00	81,000.00
WV	FS1002400	0.00	0.00	0.00
WV	FS1009000	0.00	0.00	9,000.00
WV	FS1009300	0.00	0.00	0.00
WA	KA1401030	0.00	0.00	644,310.00
WA	KA1401040	0.00	0.00	25,000.00
WA	KA1501020	0.00	0.00	25,000.00
WA	KA1502020	50,000.00	50,000.00	50,000.00
WA	KA1502030	0.00	0.00	35,000.00
WA	KA1502030 (EQU)	0.00	0.00	90,000.00
WA	KC0204018	0.00	0.00	11,943.00
WA	KC0301030	0.00	0.00	182,982.00
WA	KG0801000	0.00	0.00	337,800.00
WA	KJ0101030	0.00	0.00	155,000.00
WA	KJ0102000	0.00	0.00	1,554,346.00
WA	KJ0102000 (EQU)	0.00	0.00	44,745.00
WA	KJ0200000	0.00	0.00	534,909.00
4V	KL0101000	0.00	0.00	122,618.00
WA	KL0101000 (SULI)	0.00	0.00	821,350.00
WA	KL0103000 (PST)	0.00	0.00	40,000.00
WA	KL0201000 (LSTPD)	0.00	0.00	409,920.00
TF	KP1104010	0.00	0.00	13,000.00
WA	KP1401030	50,000.00	50,000.00	3,083,000.00
WA	KP1401030 (EQU)	0.00	0.00	1,000,000.00
WA	KP1402010	0.00	0.00	175,600.00
WA	KP1402010 (EQU)	0.00	0.00	439,400.00

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Fund Type	B&R Code	Change	FY06	To Date
WA	KS0101000	0.00	0.00	4,000.00
WA	KS0101000 (EQU)	0.00	0.00	6,861.00
WA	KT0101014	0.00	0.00	380,000.00
WA	KT0101017	0.00	0.00	412,000.00
WA	KT0101019	0.00	0.00	5,000.00
WA	KT0101025	0.00	0.00	9,702.00
WA	KT0201013	0.00	0.00	87,300.00
TF	KV0101012	0.00	0.00	280,000.00
TF	KV0101014	0.00	0.00	612,000.00
WA	KX0310211	0.00	0.00	5,000.00
YA	WB0100000	0.00	0.00	116,000.00
SA	WN0219080 (AGRSURA2002W001)	0.00	0.00	107,995.00
SA	WN0219080	0.00	0.00	0.00
SA	WN0219080 (AGRWN02DUMMY)	0.00	0.00	17,005.00
SA	YN1901000	0.00	0.00	98,652.00
SA	YN1901000 (39BP BP90)	0.00	0.00	4,137,378.00
YZ	YN1901000 (TSKOLDIPAC)	0.00	0.00	419,622.00
YZ	YN1901000 (TSKER40150I111J)	0.00	0.00	3,505.00
YZ	YN1901000 (TSKER40150JLAAA)	0.00	0.00	487.00
YZ	YN1901000 (TSKER40150TJAAA)	0.00	0.00	2,057,109.00
YZ	YN1901000 (TSK4400000101)	0.00	0.00	887,900.00
YZ	YN1901000 (TSK4400000239)	0.00	0.00	114,000.00
TOTAL		<u>\$12,111,155.34</u>	<u>\$12,111,155.34</u>	<u>\$1,516,930,419.86</u>